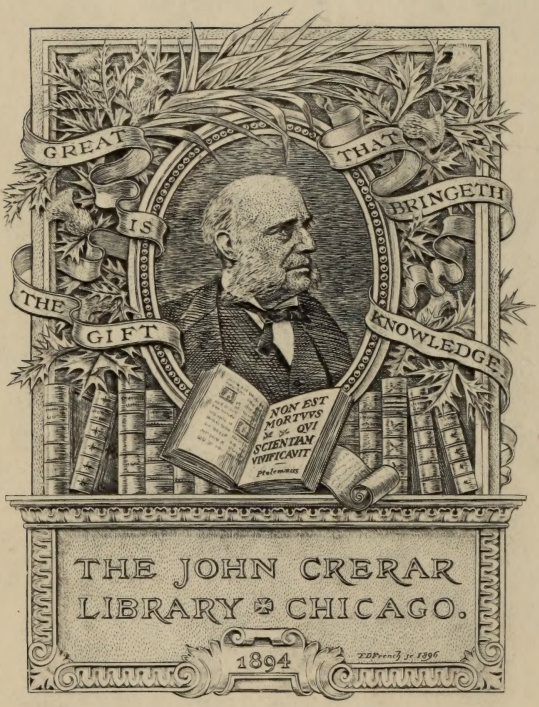
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Amherst College Bulletin

Catalogue

1911-1912

Volume 1 Number 2 December, 1911

Amherst, Massachusetts

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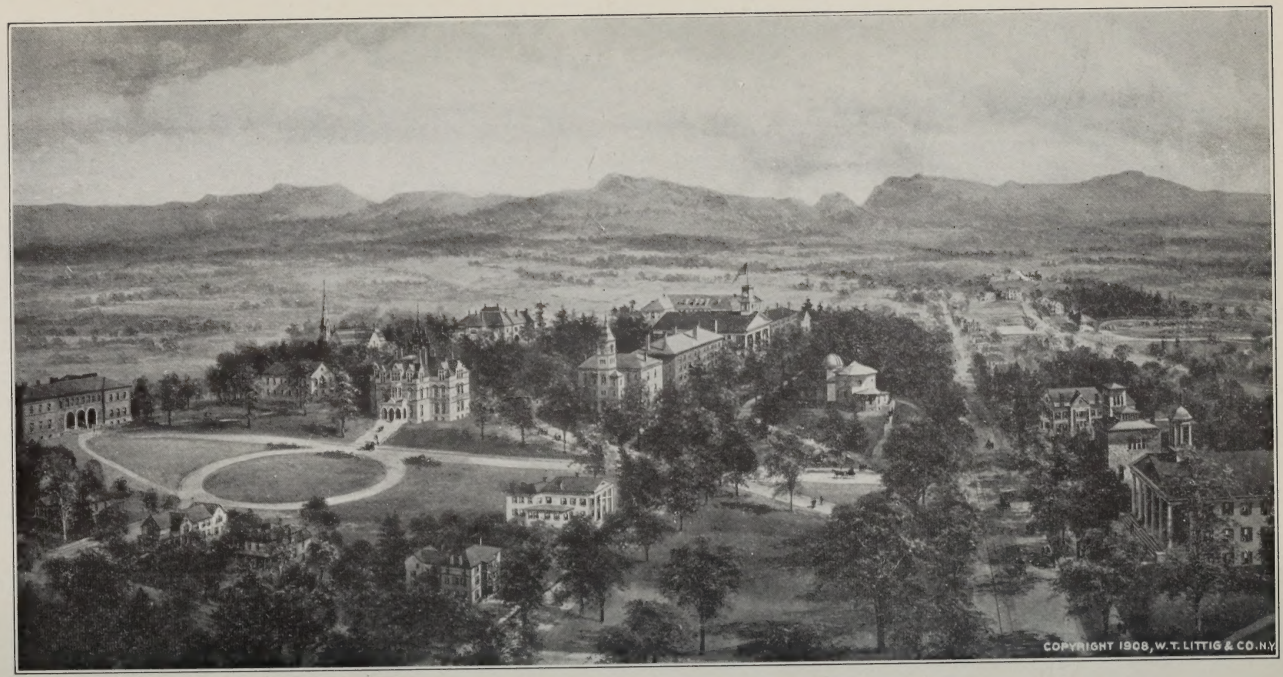
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AMHERST COLLEGE CATALOGUE

Amherst College Catalogue

For the Year

1911—1912

Amherst ❧ Massachusetts
Published by the College

1911

JULY

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DECEMBER

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1913

JANUARY

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MARCH

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College Calendar

1911			
September	21,	**Beginning of the College Year**	11.30 A.M. Thursday
October	5,	Mountain Day, a holiday	Thursday
Nov. 29–Dec.	1,	Thanksgiving Recess	12.20 P.M., Wed.–2.00 P.M. Fri.
December	21,	**Christmas Recess begins**	12.20 P.M. Thursday
1912			
January	4,	**Christmas Recess ends**	2 P.M. Thursday
Jan. 30–Feb.	7,	Semi-Annual Examinations	
February	8,	Second Half-Year begins	Thursday
February	11,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Thursday
March	27,	**Spring Recess begins**	12.20 P.M. Wednesday
April	9,	**Spring Recess ends**	2 P.M. Tuesday
May	30,	Memorial Day, a holiday	Thursday
June	10–13,	Senior Examinations	
June	14–21,	Semi-Annual Examinations	
June	17–22,	Examinations for admission	Monday to Saturday
June	23,	Baccalaureate Sermon	Sunday
June	24,	Hyde Prize Orations	Monday afternoon
June	24,	Kellogg Prize Declamations	Monday evening
June	25,	Class Day	Tuesday
June	25,	President's Reception	Tuesday afternoon
June	26,	Commencement Exercises	Wednesday morning
June	26,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	13–18,	Examinations for admission	Friday to Wednesday
September	19,	**Beginning of the College Year**	11.30 A.M. Thursday
December	20,	**Christmas Recess begins**	12.20 P.M. Friday

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Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE A. PLIMPTON, B.A. . . . New York, N. Y.
President of the Corporation

GEORGE HARRIS, D.D., LL.D. . . . Amherst, Mass.
President of the College

PROF. WILLISTON WALKER, D.D. New Haven, Conn.
Secretary of the Corporation

G. HENRY WHITCOMB, M.A. . . Worcester, Mass.
REV. WILLIAM HAYES WARD, D.D.,
LL.D. . . . . New York, N. Y.
CHARLES M. PRATT, M.A. . . . Brooklyn, N. Y.
HON. CHARLES H. ALLEN, LL.D. . . Lowell, Mass.
REV. HENRY H. KELSEY, M.A. . . Marietta, O.
ARTHUR CURTISS JAMES, M.A. . . New York, N. Y.
JOHN W. SIMPSON, LL.D. . . . . New York, N. Y.
REV. CORNELIUS H. PATTON, D.D. Boston, Mass.
DEAN WILFORD L. ROBBINS, D.D., LL.D.
New York, N. Y.
FRANK WATERMAN STEARNS, B.A. Boston, Mass.
ARTHUR CHARLES ROUNDS, M.A. . New York, N. Y.
PROF. ARTHUR LINCOLN GILLETT, D.D.
Hartford, Conn.
TALCOTT WILLIAMS, LL.D., LITT.D. . Philadelphia, Pa.
ROBERT ARCHEY WOODS, M.A. . . Boston, Mass.

HARRY WELTON KIDDER, B.A. . Amherst, Mass.
Treasurer of the Corporation

Overseers of the Charitable Fund

Rev. John M. Greene, d.d.	Lowell, Mass.
M. Fayette Dickinson, m.a. . . .	Boston, Mass.
Prof. William B. Graves, m.a. . . .	Andover, Mass.
John C. Hammond, m.a. . . .	Northampton, Mass.
Lewis W. West, b.a.	Hadley, Mass.
Rev. James W. Bixler, d.d. . . .	New London, Conn.
Rev. Charles W. Merriam . . .	Greenfield, Mass.

Harry Welton Kidder, b.a., *Commissioner*

Faculty

GEORGE HARRIS, D.D., LL.D., *President of the College* — President's House

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty* — 3 Orchard St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy* — 16 South Pleasant St.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry* — 23 Woodside Ave.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology* — 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History* — 28 Northampton Road

JOHN MASON TYLER, PH.D., *Stone Professor of Biology* — 8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory* — Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and Biblical Interpretation* — 6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* — 20 Northampton Road

Arthur Lalanne Kimball, ph.d., *Professor of Physics*
25 Woodside Ave.

Edwin Augustus Grosvenor, ll.d., *Professor of Modern Government and International Law* 7 College St.

Harry de Forest Smith, m.a., *John C. Newton Professor of Greek* 5 College St.

George Bosworth Churchill, ph.d., *Williston Professor of English Literature* 25 Spring St.

Thomas Cushing Esty, m.a., *Professor of Mathematics*
16 South Pleasant St.

William Pingry Bigelow, m.a., *Professor of Music*
31 North Pleasant St.

Arthur John Hopkins, ph.d., *Professor of Chemistry*
2 South Pleasant St.

James Walter Crook, ph.d., *Professor of Economics*
1 College Ave.

Paul Chrysostom Phillips, m.d., *Parmly Billings Professor of Hygiene and Physical Education* 21 Lincoln Ave.

Frederic Brewster Loomis, ph.d., *Professor of Comparative Anatomy* 8 Orchard St.

William Jesse Newlin, m.a., *Professor of Philosophy*
Sunset Ave.

Clarence Willis Eastman, ph.d., *Professor of the German Language and Literature* 18 Northampton Road

Frederic Lincoln Thompson, m.a., *Winkley Professor of History* 63 South Pleasant St.

Henry Carrington Lancaster, ph.d., *Professor of Romance Languages* Mt. Doma

Levi Henry Elwell, m.a., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.

Joseph Osgood Thompson, ph.d., *Associate Professor of Physics* 52 North Pleasant St.

Herbert Percival Gallinger, ph.d., *Associate Professor of History* 31 Northampton Road

Elliot Snell Hall, ph.d., *Associate Professor of Chemistry* 99 South Pleasant St.

Arthur Henry Baxter, ph.d., *Associate Professor of Romance Languages* 34 Lincoln Ave.

Stanley Leman Galpin, ph.d., *Associate Professor of Romance Languages* Dana St.

John Corsa, m.a., *Associate Professor of Public Speaking* 25 Amity St.

Otto Manthey-Zorn, ph.d., *Associate Professor of German* 75 South Pleasant St.

Robert Palfrey Utter, ph.d., *Associate Professor of English* 83 South Pleasant St.

Howard Waters Doughty, ph.d., *Associate Professor of Chemistry* 77 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 9 College Ave.

JOHN MAURICE CLARK, PH.D., *Associate Professor of Economics* Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hygiene and Physical Education* 11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Associate Professor of English* 7 Northampton Road

PERCY ROBERT CARPENTER, B.A., *Associate Professor of Hygiene and Physical Education* Kendrick Place

CHARLES HANSEN TOLL, PH.D., *Assistant Professor of Philosophy* Mt. Doma

LAURENCE HOUGHTON PARKER, B.A., *Assistant Professor of Mathematics* 2 South Prospect St.

HERBERT PIERREPONT HOUGHTON, PH.D., *Assistant Professor of Latin* 20 Spring St.

ALFRED SHEPARD GOODALE, B.A., *Assistant Professor of Botany, and Registrar* South Amherst

CHARLES WIGGINS COBB, M.A., *Assistant Professor of Mathematics* Mt. Doma

CLARENCE EDWARD ANDREWS, M.A., *Assistant Professor of English* Mt. Doma

WILLIAM RADER WESTHAFER, M.A., *Instructor in Physics* 9 Woodside Ave.

Charles Ernest Bennett, ph.d., *Instructor in Latin*
19 Main St.

Eugene Hugh Byrne, b.a., *Instructor in History*
15 Amity St.

Clifford Bateman Ballard, b.a., *Assistant in Geology*
11 Parsons St.

Donnell Brooks Young, b.s., *Assistant in Biology*
8 North Prospect St.

Charles John Hudson, b.a., *Assistant in the Observatory*
Observatory House

William Isaac Fletcher, m.a., *Emeritus Librarian*
54 North Pleasant St.

Robert Stillman Fletcher, b.a., *Otis Librarian*
13 Lincoln Ave.

Raymond Newell Brown, litt.b., *Assistant Librarian*
2 College St.

George Bruner Parks, b.a., *Assistant Registrar*
Kappa Theta House

H. Morse Stephens, ll.d., Professor of History in the University of California, *Henry Ward Beecher Lecturer*

Gilbert Murray, ll.d., Regius Professor of Greek in Oxford University, England, *Lecturer on Greek Literature*

Preserved Smith, ph.d., *Kellogg University Fellow, Lecturer on History*

Committees of the Faculty

Administration: The President, the Dean, Professors Tyler, Cowles, Esty, Hopkins, Newlin.

Instruction: The President, Professors Kimball, Smith, Churchill, Crook, Esty, Loomis, F. L. Thompson, Eastman, Lancaster.

Library: The President, Professors Loomis, Eastman, Genung, Smith, F. L. Thompson, Lancaster, the Treasurer.

Catalogue: The President, Professors Smith, Utter.

Entrance Examinations: The President, the Dean, the Registrar.

Certificate Privilege: The President, the Dean, the Registrar.

Board of Public Exhibitions: Faculty members: Professors Churchill, Newlin, Corsa.

Athletic Board: Faculty members: Professors Phillips, F. L. Thompson, Crook, Loomis, Stowell.

College Preachers

1910–1911

Rev. Jay T. Stocking	Newtonville
Dean W. L. Robbins, D.D.	New York City
Pres. Albert P. Fitch, D.D.	Cambridge
Rev. Herbert A. Jump	New Britain, Conn.
Rev. Jason N. Pierce	Oberlin, Ohio
Prof. James S. Riggs, D.D.	Auburn, N. Y.
Rev. Edward Sanderson	Brooklyn, N. Y.
Rev. Nehemiah Boynton, D.D.	Brooklyn, N. Y.
Rev. Henry P. Schauffler	New York City
Pres. Marion L. Burton, D.D.	Northampton
Rev. Henry L. Bradley	Worcester
Rev. Robert A. Hume	Ahmednagar, India
Rev. Minot C. Morgan	Summit, N. J.
Rev. Charles S. Mills, D.D.	St. Louis, Mo.
Rev. Rockwell H. Potter, D.D.	Hartford, Conn.
Rev. Wilbert L. Anderson	Amherst
Pres. Rush Rhees, LL.D.	Rochester, N. Y.
Rev. H. Roswell Bates	New York City
Rev. Henry E. Cobb, D.D.	New York City
Mr. Robert E. Speer	New York City
Rev. Sartell Prentice, Jr.	New York City
Rev. Frank J. Goodwin	Washington, D. C.
Rev. Raymond Calkins	Portland, Me.
Rev. Robert C. Denison	New Haven, Conn.
Rev. William G. Thayer, D.D.	Southboro
Rev. Hugh Black, D.D.	New York City
Wilfred T. Grenfell, M.D.	Newfoundland
Rev. F. Boyd Edwards	Orange, N. J.
Rev. Albert J. Lyman, D.D.	Brooklyn, N. Y.
Rev. Charles W. Merriam	Greenfield

President Harris and Professor Genung.

Fellows

PRESERVED SMITH, PH.D., *Kellogg University Fellow*
Amherst, Mass.

ERNEST MARION ROBERTS, *Edward Hitchcock Fellow*
Amherst, Mass.

Senior Class

The letter *s* after the name of a student indicates that he is a special student

Bacon, Howard Rogers	*Pittsford, N. Y.*	Θ Δ X House
Banfield, Everett Colby	*Austin, Minn.*	Φ K Ψ House
Barnum, William Newton	*Brooklyn, N. Y.*	11 Parsons St.
Barton, Frederick Bushnell	*Oak Park, Ill.*	A Δ Φ House
Baumann, Albert Vogt, Jr.	*Fremont, Ohio*	B Θ Π House
Beatty, Claudius Francis	*Brooklyn, N. Y.*	Φ Δ Θ House
Bishop, Stanley Guard	*Glyndon, Md.*	Δ K E House
Bishop, William Woolley	*Southampton, N. Y.*	X Φ House
Bristol, Raymond Moreau	*Brooklyn, N. Y.*	Φ Γ Δ House
Brock, Roland Humphrey	*Athol, Mass.*	Θ Δ X House
Brown, Edmund, Jr.	*Norfolk, Conn.*	Φ K Ψ House
Brown, Wayland Hoyt	*Minneapolis, Minn.*	Ψ Υ House
Burns, Howard Fletcher	*Pittsburgh, Pa.*	3 Parsons St.
Burt, Wilbur Farnham	*New York, N. Y.*	Ψ Υ House
Bussóm, Thomas Wainwright	*Reading, Pa.*	Δ K E House
Campbell, Archibald Brush	*Mount Vernon, N. Y.*	K Θ House
Chasseaud, Hervé Gordon de	*Brooklyn, N. Y.*	B Θ Π House
Clarke, Herbert Houghton	*Portland, Ore.*	B Θ Π House
Colton, James Zearing	*Chicago, Ill.*	Φ Δ Θ House
Cook, Allan Wylie	*Mendota, Ill.*	Δ K E House
Crandall, Harold Warren	*Normandy, Mo.*	A Δ Φ House
Cushing, Bartlett Ellis	*Middleboro, Mass.*	Φ K Ψ House
Davenport, Russell Lounsberry	*Ogden, Utah*	4 North Prospect St.
Davis, Arthur Lorenzo	*Ware, Mass.*	
Davis, Clarion Almado	*Collinsville, Conn.*	Φ Γ Δ House
Davis, Fred Cady	*Somers, Conn.*	1 College Ave.
Dawson, George Littleton	*Uniontown, Pa.*	Φ K Ψ House
Dick, Richard Georg	*Worcester, Mass.*	8 Spring St.
Eadie, Lewis Arnold	*Pittsfield, Mass.*	Ψ Υ House
Edds, Mac Vincent	*Sag Harbor, N. Y.*	Δ Υ House
Fitts, George Henry	*Pawtucket, R. I.*	Ψ Υ House
Fitts, Harold Edward	*Mansfield, Mass.*	Θ Δ X House

Fraser, Harold Lloyd	*Woburn, Mass.*	Σ Δ P House
Freeman, Harlan Page	*Fredonia, N. Y.*	Σ Δ P House
Gideon, Reinhart Lang	*Ogden, Utah*	4 North Prospect St.
Goldstein, Harry	*Spokane, Wash.*	14 Maple Ave.
Gregory, Ernest	*Marblehead, Mass.*	Δ K E House
Haight, Harris Losee	*Millbrook, N. Y.*	3 Northampton Road
Hall, Russell Bertram	*Worcester, Mass.*	Θ Δ X House
Heavens, Ralph Bardwell	*Plymouth, Mass.*	Σ Δ P House
Hubbard, Claude Harrison	*Hatfield, Mass.*	Φ Γ Δ House
Hunting, Raymond Davis	*Boston, Mass.*	Δ K E House
Hurst, Benoni Price	*Washington, D. C.*	7 South College
Jackson, Frank Stanley	*Winthrop, Me.*	Φ Γ Δ House
Jones, Lloyd	*Circleville, Ohio*	Λ Δ Φ House
Keeler, Isaac Spaulding	*Grand Rapids, Mich.*	Δ Υ House
Knapp, Benjamin Franklin	*Canandaigua, N. Y.*	15 Amity St.
Lary, Harold Raymond	*Wareham, Mass.*	Φ K Ψ House
Lee, Harold Canfield	*Topeka, Kan.*	5 School St.
Levy, Maurice Jacques	*Greenfield, Mass.*	17 So. Prospect St.
Lucey, Patrick Henry	*Northampton, Mass.*	K Θ House
Lyon, Arthur Bates	*Brockton, Mass.*	Φ K Ψ House
McFarland, Frank Janvier	*Brooklyn, N. Y.*	X Ψ Lodge
Madden, John Harrison	*Binghamton, N. Y.*	Δ K E House
Mesick, Henry Thomas	*Springfield, Mass.*	17 South College
Miles, Daniel Nelson	*Livingston, Mont.*	X Ψ Lodge
Miller, Spencer, Jr.	*South Orange, N. J.*	Λ Δ Φ House
Millett, Fred Benjamin	*Whitman, Mass.*	K Θ House
Moller, Lester John Frederick	*Brooklyn, N. Y.*	B Θ Π House
Norris, William Baker, Jr.	*St. Joseph, Mo.*	Δ Υ House
Olds, Leland	*Amherst, Mass.*	Λ Δ Φ House
Orr, Walter Stuart	*Orr's Mills, N. Y.*	Δ Υ House
Parsons, DeWitt Hoag	*Binghamton, N. Y.*	Ψ Υ House
Peacock, Alfred Burlingham	*Brooklyn, N. Y.*	B Θ Π House
Pease, Franklin Stuart	*Thompsonville, Conn.*	4 No. Prospect St.
Peirce, Harry Haynes	*Taunton, Mass.*	17 South College
Perkins, Charles Kingman	*Manchester, Vt.*	Φ K Ψ House
Peters, Reed Charles	*Omaha, Neb.*	B Θ Π House
Proudfoot, Perry Alexander	*Roselle, N. J.*	Φ Δ Θ House
Quinn, James Joseph, Jr.	*Whitinsville, Mass.*	X Φ House
Ramage, Alfred Hull	*Oil City, Pa.*	11 Parsons St.
Randell, George Mulford	*New York, N. Y.*	Φ Δ Θ House

Rathbun, Benjamin	*Elmira, N. Y.*	Α Δ Φ House
Rothberg, Isidor Harvey	*Plainfield, N. J.*	B South College
Sanford, Wayland Hall	*Duluth, Minn.*	Δ Υ House
Sheldon, Winfred Charles	*Fort Ann, N. Y.*	Φ Γ Δ House
Sheridan, Charles Fitzgerald	*Oswego, N. Y.*	8 North College
Sherman, Stanley Carter	*Quincy, Mass.*	1 Woodside Ave.
Sibley, Beeman Pitcher	*Wellesley Hills, Mass.*	Χ Φ House
Sigel, Glenn Lara	*Portland, Ore.*	Β Θ Π House
Simpson, Howard Dodd	*Brooklyn, N. Y.*	Χ Φ House
South, Harold Thomas	*East Braintree, Mass.*	Κ Θ House
Spalding, Charles Dawson	*Malden, Mass.*	
Steber, Raymond William	*Warren, Pa.*	Φ Δ Θ House
Stuart, Merritt Corbett	*Binghamton, N. Y.*	Ψ Υ House
Stubbs, Eric Walter	*New York, N. Y.*	Δ Κ Ε House
Tead, Ordway	*Somerville, Mass.*	Α Δ Φ House
Thornton, Irving Taylor	*Buffalo, N. Y.*	
Treadwell, George Ludington	*Brookline, Mass.*	Φ Δ Θ House
Turner, Philip Layton	*Elmhurst, N. Y.*	Δ Υ House
Vernon, Joseph Henry	*Mansfield, Mass.*	Φ Δ Θ House
Vollmer, Edward Bartlett	*Brooklyn, N. Y.*	Χ Φ House
Warner, Hunt	*Northampton, Mass.*	Ψ Υ House
Weatherby, Willard Erastus	*Russell, Pa.*	Φ Δ Θ House
Welles, Robert	*Paris, France*	Χ Ψ Lodge
Wellman, Sargent Holbrook	*Topsfield, Mass.*	Χ Ψ Lodge
Whiteman, Harold Bartlett	*Rochester, N. Y.*	Α Δ Φ House
Williams, Lester Emerson	*Brockton, Mass.*	Κ Θ House
Wood, Lawrence	*Monongahela, Pa.*	11 Parsons St.

Junior Class

Allen, Herbert Charles, Jr.	*Buffalo, N. Y.*	Δ Υ House
Allen, Harold Gates	*Auburndale, Mass.*	Κ Θ House
Atkinson, Geoffrey	*New York, N. Y.*	Β Θ Π House
Averill, Otis	*Flushing, N. Y.*	Α Δ Φ House
Babbott, Frank Lusk, Jr.	*Brooklyn, N. Y.*	Α Δ Φ House
Bailey, Charles Fifield	*Montpelier, Vt.*	Δ Κ Ε House
Bassett, Preston Rogers	*Brooklyn, N. Y.*	Δ Υ House
Beckwith, Kenneth Burwell	*Brooklyn, N. Y.*	Φ Δ Θ House
Belden, Horace Potter	*Hamilton, Ohio*	Β Θ Π House
Benedict, Chauncey	*Montclair, N. J.*	Ψ Υ House
Bixby, Harold McMillan	*St. Louis, Mo.*	Ψ Υ House
Bond, Arthur Hazard	*Springfield, Mass.*	Χ Φ House
Browne, Robert Henry	*East Orange, N. J.*	Χ Φ House
Burns, Timothy Joseph	*Ware, Mass.*	15 Amity St.
Buttolph, Leroy James	*Harvard, Mich.*	Φ Κ Ψ House
Cadman, Frederick Leslie	*Brooklyn, N. Y.*	4 Lessey St.
Caldwell, Harold Van Yorx	*Winchester, Mass.*	Φ Κ Ψ House
Caldwell, Louis Goldsborough	*Oak Park, Ill.*	Δ Υ House
Carter, Chauncey Paul	*Brooklyn, N. Y.*	Δ Υ House
Clapp, George Ewing	*Northampton, Mass.*	14 Maple Ave.
Coates, John Locke	*Alliance, Ohio*	Α Δ Φ House
Cobb, Samuel Henry	*South Orange, N. J.*	Χ Φ Annex
Collins, Frank Samuel	*River Forest, Ill.*	Β Θ Π House
Connolly, Bartholomew Joseph, Jr.	*Roxbury, Mass.*	Ψ Υ House
Cousins, Thomas Flint	*Brooklyn, N. Y.*	19 Amity St.
Coxhead, John Wallace	*Buffalo, N. Y.*	Χ Ψ Lodge
Coyle, Walter Wensley	*Ridgewood, N. J.*	Φ Γ Δ House
Creede, Thomas Raymond, Jr. *s*	*East Orange, N. J.*	Δ Κ Ε House
Cross, Raymond Witherspoon	*Rochester, N. Y.*	Α Δ Φ House
Farwell, John Eden	*Geneva, N. Y.*	Θ Δ Χ House
Fitzsimmons, Raymond James	*Holyoke, Mass.*	Θ Δ Χ House
Gilligan, Francis Timothy	*Holyoke, Mass.*	
Glen, Horatio Gates, Jr.	*Schenectady, N. Y.*	Ψ Υ House
Good, Paul Francis	*Lincoln, Neb.*	7 Parsons St.
Greene, Theodore Ainsworth	*Middletown, Conn.*	Α Δ Φ House
Guetter, Frederick John	*Elwyn, Pa.*	Φ Δ Θ House

Hamilton, William Galloway	*Fond du Lac, Wis.*	Φ K Ψ House
Harding, Howard Charles	*Mansfield, Ohio.*	Δ Υ House
Hardy, Wilton Audubon	*Amherst, Mass.*	15 Lincoln Ave.
Havens, George Remington, Jr.	*Shelter Island Heights, N. Y.*	18 South College
Heinritz, Frederick John	*Holyoke, Mass.*	Σ Δ P House
Hopkins, Carroll Lyman	*Lansing, Mich.*	15 Amity St.
Jaqueth, John Munro	*Brooklyn, N. Y.*	21 Pleasant St.
Jenkins, Robert Alden	*Whitman, Mass.*	K Θ House
Johnston, Charles Lindley, Jr.	*Brooklyn, N. Y.*	Δ Υ House
King, John Lord	*Winnetka, Ill.*	Φ Δ Θ House
Klingenfeldt, John Henry, Jr.	*Brooklyn, N. Y.*	Σ Δ P House
Knudson, Edward Chevalier	*Devon, Pa.*	Ψ Υ House
Konold, Herschel Scott	*Oak Park, Ill.*	Δ Υ House
Ladd, Charles Thornton	*Portland, Ore.*	Λ Δ Φ House
Leiper, Henry Smith *s*	*Blauvelt, N. Y.*	B Θ Π House
Lindsay, Kenneth Clement	*Milwaukee, Wis.*	X Ψ Lodge
Littlejohn, Hugh Warwick	*Flushing, N. Y.*	Λ Δ Φ House
Livingston, Samuel Maurice	*Northampton, Mass.*	
Loomis, Henry Sprague	*Westfield, N. J.*	21 Main St.
McClure, James Focht	*Lewisburg, Pa.*	29 South College
Marsh, Allison Wilson	*Quincy, Mass.*	7 Parsons St.
Merrill, Randolph Seaman	*Paterson, N. J.*	Φ Γ Δ House
Mitchell, John Houston	*Meriden, Conn.*	Δ K E House
Moore, John Stanley	*Newton Center, Mass.*	Δ K E House
Moore, Walter Weaver	*Johnstown, Pa.*	Δ Υ House
Morris, Albert Millard	*Yonkers, N. Y.*	Λ Δ Φ House
Morse, Edward Stiles	*Amherst, Mass.*	Δ K E House
Murphey, Hermon King	*Niagara Falls, N. Y.*	K Θ House
Newbery, Alfred	*New York, N. Y.*	8 Woodside Ave.
Noble, Arthur William	*Somerville, Mass.*	Δ K E House
Olds, George Daniel, Jr.	*Amherst, Mass.*	Λ Δ Φ House
Ostrander, Henry Sage	*Dillon, Mont.*	Φ K Ψ House
Parsons, Charles Edwards	*Colorado Springs, Colo.*	X Ψ Lodge
Partenheimer, Harold Philip	*Greenfield, Mass.*	Φ K Ψ House
Patten, Kenneth Spalding	*Brockport, N. Y.*	Θ Δ X House
Patton, Hamilton	*Highland Park, Ill.*	X Φ House
Plough, Harold Henry	*New York, N. Y.*	Δ Υ House
Pope, Frederick Russell	*Brooklyn, N. Y.*	K Θ House
Price, Clark Monroe	*Woodmere, N. Y.*	8 Woodside Ave.
Pride, Herbert Hammond	*Quincy, Mass.*	Σ Δ P House

Proctor, Hilliard Alonzo	*Corning, N. Y.*	X Ψ Lodge
Quill, James Robert	*North Brookfield, Mass.*	Hunt Block
Radding, Moses Bernhard	*Merrick, Mass.*	18 South College
Rankin, Russell Bruce	*Newark, N. J.*	Φ Δ Θ House
Richard, Irving Edward	*Rochester, N. Y.*	Δ K E House
Robinson, Gain	*Springfield, Mass.*	X Φ House
Scatchard, George	*Oneonta, N. Y.*	8 Woodside Ave.
Seaman, James Alpheus	*Hoboken, N. J.*	Φ Γ Δ House
Searle, Emerson Sheldon	*Hadley, Mass.*	Hunt Block
Simpson, John Woodruff	*East Craftsbury, Vt.*	8 Spring St.
Slocum, Winfield Scott, Jr.	*Newton, Mass.*	Δ K E House
Smith, Frank Jonathan Ernest	*Holyoke, Mass.*	Chemistry Laboratory
Smith, Walter Willoughby	*Uniontown, Pa.*	B Θ Π House
Steele, Jack Worthington	*Painesville, Ohio*	B Θ Π House
Stelling, Frank Palmer	*Bayside, L. I. N. Y.*	Θ Δ X House
Stilwell, Lewis Dayton	*Syracuse, N. Y.*	Φ K Ψ House
Stimets, Bruce Negus	*Jersey City, N. J.*	14 Maple Ave.
Stirn, Albert Louis	*Stapleton, N. Y.*	Ψ ϒ House
Stone, George Lester	*Salem, Mass.*	Physics Laboratory
Stone, Nelson	*Wareham, Mass.*	K Θ House
Stone, Raymond Worthington	*Brookline, Mass.*	Φ Δ Θ House
Storrs, John Tyler	*Ware, Mass.*	Δ K E House
Stout, Robert Irving	*Omaha, Neb.*	X Ψ Lodge
Stubbs, Erling Aubrey	*New York, N. Y.*	Δ K E House
Sturdivant, Frederick Arthur	*Toledo, Ohio*	4 South College
Svirsky, Max	*Brooklyn, N. Y.*	Hunt Block
Swanton, Hobart Pond	*Rochester, N. Y.*	Λ Δ Φ House
Tappin, Clarence Leon	*Gardner, Mass.*	Hunt Block
Tilden, James Addison, Jr.	*Hyde Park, Mass.*	Ψ ϒ House
Tuttle, Miner Worthington	*Crawfordsville, Ind.*	10 Gray St.
Voorhees, Judah Edgar	*Upper Montclair, N. J.*	Δ ϒ House
Wadhams, Charles Hastings	*Pittsford, N. Y.*	X Ψ Lodge
Walcott, Chester Lincoln	*Providence, R. I.*	K Θ House
Weil, Leo Lester	*Chicago, Ill.*	Σ Δ P House
Wesby, Joseph Spencer	*Worcester, Mass.*	X Φ Annex
Westcott, Ralph Wells	*Oak Park, Ill.*	Θ Δ X House
Whitney, William Henry	*West Springfield, Mass.*	Φ Γ Δ House
Wilcox, Sanford Potter	*Grand Rapids, Mich.*	Φ Δ Θ House
Wilcox, William Joralemon	*Madison, Conn.*	Σ Δ P House
Wilder, Harry Converse	*Watertown, N. Y.*	Λ Δ Φ House
Williamson, Gerald Humphrey	*Rochester, N. Y.*	8 Woodside Ave.

Sophomore Class

Bailey, Harry Edgar	*Eaton, Colo.*	Φ Γ Δ House
Barton, Raymond Gregory	*New Milford, Conn.*	Φ Γ Δ House
Bedford, Frederick Henry, Jr.	*Brooklyn, N. Y.*	5 Parsons St.
Bernero, Frank Ambrose	*New York, N. Y.*	Φ Δ Θ House
Beyer, Emil Henry	*South Hadley Falls, Mass.*	8 North Prospect St.
Bliss, Mervin Washington	*Webster, N. H.*	Hunt Block
Bliss, Percival Floyd	*Springfield, Mass.*	Hunt Block
Booth, Ferris Cobb	*Yokohama, Japan*	1 College Ave.
Brace, Carleton Hoskins	*Gloversville, N. Y.*	4 North Prospect St.
Brough, Frank Christopher	*Hackensack, N. J.*	K Θ House
Brown, Donald Howlett	*Minneapolis, Minn.*	6 Northampton Road
Buffington, Kenneth	*Kittanning, Pa.*	Ψ Υ House
Bulger, Maurice Scott	*Uniontown, Pa.*	B Θ Π House
Burdick, Percy Jay	*Ballston Spa, N. Y.*	8 North Prospect St.
Butler, Earle Dudley	*Middletown, Conn.*	Λ Δ Θ House
Carpenter, John Tilney	*New York, N. Y.*	Φ Δ Θ House
Chamberlain, Sydney Dakin	*Springfield, Mass.*	X Φ Annex
Child, John Randall	*Morrisville, Vt.*	K Θ House
Childs, Maurice Frederick	*North Rochester, Mass.*	16 Maple Ave.
Church, Charles Noble	*Millbury, Mass.*	Δ Υ House
Clark, Dwight Nelson	*Norfolk, Conn.*	Φ Δ Θ House
Cobb, Edward Sprague	*South Orange, N. J.*	X Φ Annex
Cohn, Edwin Joseph	*New York, N. Y.*	15 Amity St.
Creedon, Herbert	*Amherst, Mass.*	17 So. Prospect St.
Cunningham, Crawford Boyer	*Pittsburgh, Pa.*	Δ K E House
Curry, Clarence Pratt	*Portland, Ore.*	Ψ Υ House
Curtis, Marvin Kent	*Chicago, Ill.*	Δ K E House
Cushman, Solomon Frederick, Jr.	*Monson, Mass.*	B Θ Π House
Darrin, Ralph Mead	*Corning, N. Y.*	X Ψ Lodge
DeCastro, Allen John	*New York, N. Y.*	X Φ Annex

Dickson, John Dawson	*Angelica, N. Y.*	Δ ϒ House
Donohue, Jeremiah Joseph	*Lynn, Mass.*	Δ ϒ House
Fallass, Charles Henry	*Petoskey, Mich.*	15 Spring St.
Ferris, Frank Halliday	*Ridgefield Park, N. J.*	K Θ House
Finch, Frank Clifford	*Endicott, N. Y.*	K Θ House
Firman, Royal	*Oak Park, Ill.*	Δ ϒ House
Focht, John Hill	*Plantsville, Conn.*	A South College
Gaunt, Merrill Stanton	*Methuen, Mass.*	Whitridge Hall
Glann, Charles	*Cortland, N. Y.*	19 South College
Glass, Fred Everett	*Bangor, Maine*	B Θ Π House
Greene, Walter Farrar	*Middletown, Conn.*	A Δ Φ House
Gundaker, Guy Harry	*Oak Park, Ill.*	Θ Δ X House
Hall, Cecil John	*New York, N. Y.*	6 Northampton Road
Hall, Maynard Howes	*Ridgewood, N. J.*	Σ Δ P House
Haller, Frederick Raymond	*New York, N. Y.*	Δ ϒ House
Hanford, Robert Clinton	*Westfield, N. J.*	Whitridge Hall
Hardy, Paul Wallace	*Amherst, Mass.*	15 Lincoln Ave.
Heald, Stanley	*Weymouth, Mass.*	Δ K E House
Hersh, Austin Herman	*Elizabeth, N. J.*	15 Spring St.
Hickson, Leslie Matheson	*New York, N. Y.*	B Θ Π House
Hough, John Kenneth	*Erie, Pa.*	Φ K Ψ House
Hubbard, Silas Graves	*Amherst, Mass.*	Gymnasium
Hubbard, Theodore Horace	*White Plains, N. Y.*	Gymnasium
Hull, Allen Birdsall	*Brooklyn, N. Y.*	Ψ ϒ House
Huthsteiner, Louis	*Schenectady, N. Y.*	X Ψ Lodge
Jenkins, Algernon Sidney	*Germantown, Pa.*	Ψ ϒ House
Jewett, Harold Ernest	*Howard, R. I.*	K Θ House
Johnson, Herbert Brightwell	*Flushing, N. Y.*	Φ K Ψ House
Kimball, James Richard	*Orange, Mass.*	Δ K E House
Kimball, Richard Montague	*Foxboro, Mass.*	Δ K E House
Lawrence, Ralph Alphonso	*North Leverett, Mass.*	Σ Δ P House
Lewis, Arthur John	*Whitman, Mass.*	Σ Δ P House
Livingstone, Colin	*Portland, Ore.*	A Δ Φ House
Long, John Cuthbert	*Brooklyn, N. Y.*	4 North Prospect St.
Luce, Hallock, Jr.	*Riverhead, N. Y.*	17 South Prospect St.
McGay, Walter Howard	*Oak Park, Ill.*	Δ ϒ House
Miller, Tilford Wentworth	*Hartford, Conn.*	A Δ Φ House
Mills, Charles Morris	*St. Louis, Mo.*	A Δ Φ House
Morrow, William Otway	*Allenhurst, N. J.*	X Φ Annex
Morse, George Verdi	*Berlin, Mass.*	17 South Prospect St.

Moulton, Charles Henry	*Brookfield, Mass.*	Φ K Ψ House
Murphy, Robert John	*Nora Springs, Ia.*	Φ Γ Δ House
Osterkamp, Fritz Emil *s*	*Flushing, N. Y.*	Φ K Ψ House
Outwater, John Ogden	*New York, N. Y.*	A Δ Φ House
Patterson, Thomas King	*Mineola, N. Y.*	K Θ House
Payne, Philip West	*Omaha, Neb.*	B Θ Π House
Pouch, Arnold Cornwell	*New Brighton, N. Y.*	B Θ Π House
Prout, Charles Dusenbury	*Asbury Park, N. J.*	Φ Γ Δ House
Renfrew, Franklin Ward	*Brooklyn, N. Y.*	Φ Δ Θ House
Richmond, Clinton Whitman	*North Adams, Mass.*	X Ψ Lodge
Rivard, Emile Augustin	*Duclos, P. Q.*	6 Maple Ave.
Rugg, Clarence DeWitt	*Greenfield, Mass.*	X Φ Annex
Rugg, Charles Parks	*Worcester, Mass.*	X Φ Annex
Seymour, Marlor Boardman	*Hartford, Conn.*	A Δ Φ House
Shattuck, Wendell Phillips	*Dundee, N. Y.*	19 South College
Shaw, Harold Eden	*Monson, Mass.*	Φ K Ψ House
Shrewsbury, Kenneth Oldham	*New York, N. Y.*	Φ Δ Θ House
Shumway, Lowell	*Brooklyn, N. Y.*	Σ Δ P House
Sicard, Hugh Charles	*New York, N. Y.*	5 Parsons St.
Smart, Daniel Stevenson	*Cambridge, N. Y.*	Whitridge Hall
Smith, Walton Kimball	*Milwaukee, Wis.*	B Θ Π House
Stafford, Fred William	*Rutland, Vt.*	15 Amity St.
Stahman, Arthur	*Brooklyn, N. Y.*	Δ Υ House
Strahan, John Windrum, Jr.	*Newark, N. J.*	15 Spring St.
Suydam, Frederick Dorflinger	*Honesdale, Pa.*	X Φ Annex
Taylor, Frederick Chamberlain	*South Britain, Conn.*	K Θ House
Taylor, Howard Scattergood	*Columbus, N. J.*	X Φ Annex
Tierney, John James	*Holyoke, Mass.*	Φ Γ Δ House
Tramontana, George Benedict	*Brooklyn, N. Y.*	32 South College
Van Ingen, Richard Storrs	*Brooklyn, N. Y.*	Φ Δ Θ House
Wallace, Ben Parkinson	*Washington, Ia.*	Φ K Ψ House
Washburn, George Edward	*Boston, Mass.*	Δ Υ House
Whipple, Ralph Wheaton	*West Wrentham, Mass.*	15 Amity St.
Whittemore, Ernest Arthur	*Worcester, Mass.*	Φ Γ Δ House
Williams, Charles Wyatt	*Corning, N. Y.*	Θ Δ X House
Williams, Frederick Sherman	*Homer, N. Y.*	Φ Γ Δ House
Williams, Ralph Schuyler *s*	*Elizabeth, N. J.*	Θ Δ X House
Wiltsie, George Harold	*Cortland, N. Y.*	Φ K Ψ House
Young, Roswell Philip	*Elmira, N. Y.*	A Δ Φ House

Freshman Class

Agard, Walter Raymond	*Amherst, Mass.*	5 Spring St.
Allen, Frederick Crosby	*Auburndale, Mass.*	11 North College
Atwater, John Jacob	*Westhampton Beach, N. Y.*	10 South College
Babcock, Ralph Burger	*Rochester, N. Y.*	12 North College
Bacon, Richard Hamlin	*Newtonville, Mass.*	16 South College
Ballagh, Hamilton Craig	*Tokio, Japan*	8 North Prospect St.
Bancroft, Richard	*Wellesley, Mass.*	5 School St.
Banta, Kenneth Whittemore	*Binghamton, N. Y.*	5 North College
Barnes, Leon Moffatt	*Windsor, Conn.*	4 North College
Benedict, Clyde Humphrey	*Oneonta, N. Y.*	8 Spring St.
Bengs, Max Andrew	*South Manchester, Conn.*	14 North College
Bennett, Ora Potter	*Mapleton, Iowa*	14 South College
Blair, Francis Wesley	*Amherst, Mass.*	12 Northampton Road
Bonner, Hampton	*New York, N. Y.*	14 South College
Boucher, Clarence Kinne	*Rochester, N. Y.*	14 North College
Breckenridge, Warren Allen	*Omaha, Neb.*	4 Lessey St.
Bronk, James Edmund	*Amsterdam, N. Y.*	Ψ Υ House
Burke, Francis Joseph	*Holyoke, Mass.*	8 South College
Cady, Arnold	*Kyoto, Japan*	21 Amity St.
Cady, Fenimore	*Kyoto, Japan*	21 Amity St.
Caldwell, Kenneth Furber	*Winchester, Mass.*	1 South College
Campbell, John Warnock	*Montclair, N. J.*	26 North College
Cole, Harry Wing	*Saratoga Springs, N. Y.*	13 Spring St.
Cole, Joseph Gerald	*Brooklyn, N. Y.*	13 Spring St.
Colton, Kingsley Buel	*Chicago, Ill.*	32 North College
Cooper, Raymond Buxton	*Des Moines, Iowa*	16 South College
Cox, Stanley Mirick	*New York, N. Y.*	1 College Ave.
Coxhead, Harry Burrows	*Buffalo, N. Y.*	14 North College
Craig, James Wallace	*Boston, Mass.*	21 South College
Crilly, William Michael, Jr.	*Chicago, Ill.*	Θ Δ Χ House
Cross, John Theodore	*Utica, N. Y.*	19 Main St.
Cutler, David Sanford	*New York, N. Y.*	28 South College
Cutton, George Leon	*Brockport, N. Y.*	B North College

Day, Chester Sessions, 2d	*Montreal, Canada*	19 Main St.
Eastman, Gardner Pettee	*Orange, N. J.*	25 North College
Eaton, Louis Franklin	*Brockton, Mass.*	3 Northampton Road
Elliot, Arthur Henry	*Port Jefferson, N. Y.*	4 Lessey St.
Fonda, Harold Chomel	*Brooklyn, N. Y.*	14 Maple Ave.
Fuller, Everett Webb	*Brooklyn, N. Y.*	30 South College
Fuller, Randolph Mercein	*Brooklyn, N. Y.*	30 South College
Gail, George Philipp Landmann	*Roland Park, Md.*	23 North College
Garfield, Edward Chandler	*York Village, Me.*	33 Northampton Road
Gatch, Hayward Hutchinson	*St. Louis, Mo.*	15 North College
Gaus, John Merriman	*Utica, N. Y.*	19 Main St.
Goeller, Lawrence Ebert	*Circleville, Ohio*	17 North College
Goodwin, Arthur Prentice	*Pittsfield, Mass.*	22 South College
Greene, Phillips Foster	*Upper Montclair, N. J.*	26 North College
Greene, Paul Stevens	*Lancaster, Mass.*	21 North College
Hall, Gordon Rexford	*Brookline, Mass.*	15 Amity St.
Hamilton, George Shufeldt	*Oak Park, Ill.*	22 North College
Harding, George Churchill	*Worcester, Mass.*	15 Spring St.
Hayner, John Clifford *s*	*Yonkers, N. Y.*	9 South College
Hays, Harlan Bartlett	*Amsterdam, N. Y.*	4 Lessey St.
Heinritz, Stuart Franklin	*Holyoke, Mass.*	7 Parsons St.
Henin, Louis Charles	*Springfield, Mass.*	8 North Prospect St.
Herrschaft, Coleman Philip	*Brooklyn, N. Y.*	11 North College
Hird, John Donald	*Washington, D. C.*	3 Parsons St.
Houston, Charles Hamilton	*Washington, D. C.*	C South College
Hubner, George Hartmann	*Brooklyn, N. Y.*	15 North College
Humphries, George Rolfe	*Towanda, Pa.*	A North College
Hunneman, William Cooper, Jr.	*Brookline, Mass.*	21 Main St.
Jarmin, Thornton Reeves	*Bloomington, Ill.*	27 North College
Johnson, Leslie Obear	*Malden, Mass.*	71 South Pleasant St.
Jones, Marshall Walker	*Winchester, Mass.*	23 South College
Kamm, Walker Willis	*Portland, Ore.*	21 Main St.
Keith, Gerald	*Brockton, Mass.*	13 South College
Kennedy, Edward Helling	*Albion, N. Y.*	8 South College
Kimball, Newton Manross	*Orange, Mass.*	21 North College
Kingman, Henry Selden	*Minneapolis, Minn.*	8 North College
Konold, Edwin Harold	*Oak Park, Ill.*	22 North College
Langspecht, Henry Thomas	*Brooklyn, N. Y.*	6 South College
Lincoln, Joseph Newhall	*Quincy, Mass.*	28 South College

Lind, John Eugene	*Brooklyn, N. Y.*	25 South College
Loomis, Samuel	*Bedford, Mass.*	4 Lessey St.
Lott, James Cropsey	*Brooklyn, N. Y.*	6 South College
Lyon, Harold Alpheus	*Brockton, Mass.*	11 South College
McCague, Robert Andrew	*Omaha, Neb.*	12 North College
Macdonald, Wilson	*Westfield, N. Y.*	9 North College
McGowan, Robert Reed	*Steubenville, Ohio*	28 North College
McTernan, Everett Francis	*Brooklyn, N. Y.*	19 Main St.
Mandrey, William Henry	*Mount Vernon, N. Y.*	33 Northampton Road
Manville, Arthur Jeremiah	*New Haven, Conn.*	6 North College
Many, Harold Chase	*Port Jefferson, N. Y.*	4 Lessey St.
Markle, Charles Oliver	*Uniontown, Pa.*	15 Amity St.
Martin, Charles Daniel	*Northampton, Mass.*	
Masten, Richard Leopold	*Portland, Ore.*	F North College
Mellema, William *s*	*Clifton, N. J.*	12 South College
Midgley, Malcolm Clegg	*Westboro, Mass.*	15 Spring St.
Miller, John Howard	*Pittsburgh, Pa.*	5 School St.
Muench, Charles Lawrence	*Arlington, Mass.*	6 North College
Newton, Francis Chandler	*Reading, Mass.*	3 Northampton Road
Ostrander, John Edwin, Jr.	*Amherst, Mass.*	33 North Prospect St.
Packard, Sidney Raymond	*Brockton, Mass.*	3 Northampton Road
Parks, Clarence Runyan	*Chicago, Ill.*	13 North College
Person, Raymond Scott	*Holyoke, Mass.*	Hunt Block
Phillips, John Milton	*New London, Conn.*	1 Woodside Ave.
Plimpton, Hollis Winslow	*Norwood, Mass.*	31 South College
Pratt, Richardson	*Brooklyn, N. Y.*	26 South College
Ralston, Arthur Edward	*Poughkeepsie, N. Y.*	10 North College
Rankin, William	*Newark, N. J.*	32 North College
Rawleigh, James Nester	*Chicago, Ill.*	21 Main St.
Reed, Kenneth Samuel	*Grangeville, Idaho*	13 North College
Ripley, George Keyes	*Troy, N. H.*	13 Spring St.
Ritter, Henry App, Jr.	*Chicago, Ill.*	X Φ Annex
Rivard, Louis Théophile	*Duclos, P. Q.*	6 Maple Ave.
Robinson, Edward Winthrop	*Weymouth, Mass.*	D North College
Robinson, Richard Alexander, 3d, *s*	*Louisville, Ky.*	19 Main St.
Rockwell, Robert Neal	*Union City, Pa.*	22 South College
Roelofs, Howard Dykema	*Grand Rapids, Mich.*	22 South College
Rollins, Dana Funk	*Bloomington, Ill.*	27 North College
Samworth, Robert Pawley	*Paterson, N. J.*	29 North College
Seaman, William Leslie	*Brooklyn, N. Y.*	30 North College

Seely, Charles Warner	*Brockport, N. Y.*	31 North College
Shumway, Conrad	*Brooklyn, N. Y.*	25 South College
Smith, Clarence Howard	*White Plains, N. Y.*	18 Spring St.
Smith, Homer Morgan	*Redding, Conn.*	15 South College
Smith, James Kellum	*Towanda, Pa.*	5 North College
Smith, James Nichols	*Hartford, Conn.*	15 Amity St.
Smith, Lowell Ridgeway	*Winchester, Mass.*	1 South College
Snider, Joseph Lyons	*Uniontown, Pa.*	15 Amity St.
Stewart, Howard Raitt	*Worcester, Mass.*	5 School St.
Swasey, Henry Cleveland	*South Berwick, Me.*	71 South Pleasant St.
Tead, Phillips	*Somerville, Mass.*	C North College
Thayer, William Greenough, Jr.	*Southboro, Mass.*	10 South College
Tomlinson, Jay Brinckerhoff	*Mount Holly, N. J.*	3 Parsons St.
Van Valkenburg, Edward Alfred	*Greene, N. Y.*	4 South College
Wales, Horatio, Jr.	*Polo, Ill.*	19 North College
Warner, Reuben Daniel	*Marlboro, Mass.*	21 Main St.
Warren, Webster Hamlin	*Falmouth, Mass.*	10 North College
Washburn, Arthur Hoyt	*Boston, Mass.*	21 South College
Weathers, Paul Dyess	*Ocala, Fla.*	31 North College
Webster, Leslie Tillotson	*Mount Vernon, N. Y.*	28 South College
Whiting, William, 2d	*Holyoke, Mass.*	3 Northampton Road
Whitmore, George Deming	*Holyoke, Mass.*	7 Parsons St.
Whitten, Philip Francis	*Holyoke, Mass.*	12 South College
Witherell, Brayton	*North Adams, Mass.*	19 Amity St.
Wroath, Leon Henry	*Auburn, N. Y.*	5 South College

Summary

Fellows	2
Seniors	99
Juniors	117
Sophomores	109
Freshmen	137
Total	464

CLASSIFICATION BY RESIDENCE

United States			
New York	144	Colorado	2
Massachusetts	134	Maryland	2
New Jersey	31	Montana	2
Pennsylvania	24	New Hampshire	2
Illinois	24	Utah	2
Connecticut	21	Washington	1
Ohio	10	Florida	1
Oregon	7	Idaho	1
Michigan	6	Indiana	1
Nebraska	6	Kansas	1
Vermont	5	Kentucky	1
Minnesota	5		456
Missouri	5		
Maine	4		
Iowa	4	Foreign Countries	
District of Columbia	3	Japan	4
Rhode Island	3	Canada	3
Wisconsin	3	France	1
			464

Award of Honors

1910–1911

COMMENCEMENT APPOINTMENTS

Laurence Washburn Babbage
Frank Rose Elder
Alan Melvin Fairbank
Robert Hudson George
Sherman Crary Kittle
John Humphrey Keyes
*George Bruner Parks
Arthur Eugene Pattison, Jr.
Eugene Ramey Pennock
*Frederick Julius Pohl
*Laurens Hickok Seelye
*Waldo Shumway
*George Noyes Slayton
Lewis Brigham Walker
Harold Adelbert Whitney

PHI BETA KAPPA

FIRST DRAWING (Class of 1911)

John Humphrey Keyes
George Bruner Parks
Arthur Eugene Pattison, Jr.
George Noyes Slayton

SECOND DRAWING (Class of 1911)

Laurence Washburn Babbage
Frank Rose Elder
Alan Melvin Fairbank
Robert Hudson George
Sherman Crary Kittle
Eugene Ramey Pennock
Frederick Julius Pohl
Laurens Hickok Seelye
Waldo Shumway
Charles Freeman Snow
Lewis Brigham Walker
Harold Adelbert Whitney

*Selected by competition as Commencement Speakers.

FIRST DRAWING (Class of 1912)

Maurice Jacques Levy
Fred Benjamin Millett
Leland Olds
Charles Dawson Spalding

Final Honors

BIOLOGY

Waldo Shumway
Donald Brooks Young

ENGLISH

George Bruner Parks

GREEK

George Noyes Slayton

LATIN

Waldo Shumway

MATHEMATICS

Frank Rose Elder
Sherman Crary Kittle

MODERN GOVERNMENT

Alan Melvin Fairbank
Lewis Brigham Walker

Award of Prizes

1910–1911

HUTCHINS GREEK PRIZE—Class of 1912

Harold Lloyd Fraser

BERTRAM LATIN PRIZE—Class of 1911

Waldo Shumway

JUNIOR LATIN PRIZES

First Prize: Harold Bartlett Whiteman, Class of 1912
Second Prize: Leonard Hodges Wilson, Class of 1911

BILLINGS LATIN PRIZES—Class of 1913

First Prize: Frederick Leslie Cadman
Second Prize: Paul Francis Good

FRESHMAN LATIN PRIZES—Class of 1914

First Prize: George Verdi Morse
Second Prize: Lowell Shumway

KELLOGG PRIZES

Frederick Russell Pope, Class of 1913
Fred Everett Glass, Class of 1914

HARDY PRIZES—Class of 1911

First Prize: Laurens Hickok Seelye
Second Prize: George Noyes Slayton

HYDE PRIZE—Class of 1911

Laurens Hickok Seelye

BOND PRIZE—Class of 1911

Laurens Hickok Seelye

A. C. JAMES PRIZE—Class of 1911

William Morrell Stone

WALKER PRIZES

Second Year Mathematics

First Prize: Paul Francis Good, Class of 1913
Second Prize: George Scatchard, Class of 1913

First Year Mathematics

First Prize: Mervin Washington Bliss, Class of 1914
Second Prize: Thomas King Patterson, Class of 1914

PORTER ASTRONOMY PRIZE—Class of 1911

Sherman Crary Kittle

PORTER PHYSICS PRIZE—Class of 1914

Frank Rose Elder

SAWYER MEDAL—Class of 1912

Archibald Brush Campbell
Philip Layton Turner

A. LYMAN WILLISTON PRIZES—Class of 1914

First Prize: Frank Clifford Finch
Second Prize: John Cuthbert Long

KENT PRIZE—Class of 1911

George Bruner Parks

FOLGER PRIZES—Class of 1911

First Prize: Edmund Sumner Whitten
Second Prize: Frederick Julius Pohl
Third Prize: Richard Brown Scandrett, Jr.

HAGEN PRIZE—Class of 1912

Ordway Tead

CLASS OF 1884 PRIZE

The Junior Class (Class of 1912)

LELAND PRIZE

The Junior Class (Class of 1912)

WOODS PRIZE—Class of 1911

Frank Rose Elder

CLASS OF 1884 PRIZE IN ORATORY

Henry Smith Leiper, Class of 1913

ARMSTRONG PRIZES—Class of 1914

First Prize: Fred Everett Glass
Second Prize: Philip West Payne
Third Prize: Charles Parks Rugg

Honorable Mention

1910–1911

BIBLICAL LITERATURE

1912 Arthur Bates Lyon

CHEMISTRY

1913 George Scatchard
1914 John Hill Focht
1914 Ralph Alphonso Lawrence

ENGLISH

1912 Fred Benjamin Millett
1912 Ordway Tead
1913 Paul Francis Good
1913 George Scatchard

FRENCH

1912 Maurice Jaques Levy
1912 Fred Benjamin Millett
1912 Charles Dawson Spalding

GREEK

1911 Waldo Shumway
1911 George Noyes Slayton
1913 George Daniel Olds, Jr.

HISTORY

1911 Lewis Brigham Walker
1911 Harold Adelbert Whitney
1912 Leland Olds

LATIN

1913 Paul Francis Good

MATHEMATICS

1911 Frank Rose Elder
1912 Harry Haynes Peirce
1913 Paul Francis Good
1913 George Scatchard
1912 Leland Olds
1913 Louis Goldsborough Caldwell
1913 George Daniel Olds, Jr.
1914 Mervin Washington Bliss

MODERN GOVERNMENT AND INTERNATIONAL LAW

1911 Alan Melvin Fairbank
1911 Isidor David Levy
1911 Laurens Hickok Seelye
1911 Lewis Brigham Walker
1911 George Arthur Hermans
1911 Eugene Ramey Pennock
1911 George Noyes Slayton
1911 Harold Adelbert Whitney
1912 Charles Dawson Spalding

PHILOSOPHY

1911 Laurens Hickok Seelye
1912 Maurice Jaques Levy
1911 Waldo Shumway
1912 Arthur Bates Lyon
1912 Leland Olds

PHYSICS

1911 Frank Rose Elder
1913 Raymond Witherspoon Cross

SPANISH

1912 Maurice Jaques Levy
1913 George Remington Havens, Jr.

Degrees Conferred in 1911

Degrees in Course

Bachelors of Arts

Magna Cum Laude

John Humphrey Keyes
George Bruner Parks
Arthur Eugene Pattison, Jr.
Laurens Hickok Seelye
George Noyes Slayton
Lewis Brigham Walker

Cum Laude

Frank Prentice Abbot, Jr.
Laurence Washburn Babbage
Clifford Bateman Ballard
Merton Polydore Corwin
William Brand Dall, Jr.
Alan Melvin Fairbank
Robert Hudson George
George Arthur Heermans
Paul Cloyd Jacobs
Donald Parsons-Smith
Eugene Ramey Pennock
Frederick Julius Pohl
Waldo Shumway
Charles Freeman Snow
Harold Adelbert Whitney
George Way Williams

Rite

Richard Peter Abele
Justin August Altschul
John Porter Ashley
Carl Kenneth Bowen
William Edward Boyer
George Winthrop Brainerd
Charles Colfax Campbell
Frank Cary
Chester Fisher Chapin
Charles Hyde Chapman
Alfred Henry Clarke
Thomas Skidmore Cooke
Chester Clarence Crewes
Allen Harry Ehrgood
Gordon Thorn Fish
Erastus Otis Haven
Elmer Wilson Henofer
Clayton Berry Jones
Thomas Leo Kane
Roger Keith
Thomas Francis Kernan
John Jefferson Lamb

Rite—continued

Isidor David Levy
Philip Nettré Lilienthal, Jr.
Herbert Gardiner Lord, Jr.
Upton Prentiss Lord
John Livingston McCague, Jr.
John Walter McInerney
Edgar Potter Maxson
Harry Hilts Maynard
Harold Stuart Miller
Walter Harrison Morton
Robert Evershed Myers
Arthur Dunn Patterson
William Weston Patton
Randolph Evernghim Paul
Thomas Désiré Pawley
Alfred Edward Phelps
John Randolph Pinkett
William Baker Powell
Stanley Hodgdon Prince
Vernon Radcliffe
Harold Carrier Roberts
Lawrence Winston Roberts
Charles Belcher Rugg
George Garfield Sawyer
Richard Brown Scandrett, Jr.
Walter Winthrop Smith
Albert Thomas Stearns, 2d
John Hardison Stevens
Frederic William Heaton Stott
Leighton Sumner Thompson
William Francis Washburn
Brantley Alexander Weathers, Jr.
Dexter Wheelock
Edmund Sumner Whitten
Leonard Hodges Wilson
George Randall Yerrall, Jr.

Frederic Billings Dickinson, B.A. rite, as of the class of 1876
James Patterson Fleming, B.A. rite, as of the class of 1908
Murdock Norman MacInnis, B.A. rite, as of the class of 1910
George Bingham Taylor, B.A. cum laude, as of the class of 1910

Bachelors of Science

Magna Cum Laude

Frank Rose Elder

Cum Laude

Sherman Crary Kittle
Edward Henry Marsh
William Morrell Stone
Louis Elmer Wakelee
Donnell Brooks Young

Rite

William James Babcock
Carleton Burwell Beckwith
Carroll Reed Belden
Hylton Logan Bravo
William Francis Corry
Harold Brown Cranshaw
Beeckman Jousseaum Delatour
Arthur Spain Gormley
Arthur Hess Walbridge
William Stewart Woodside

Masters of Arts

Wen Pin Wei	B.A. (1910)
Charles John Hudson	B.A. (1910)
Richard Sheldon Ould	B.A. (1910)
Charles Belcher Rugg	B.A. (1911)

Honorary Degrees

MASTER OF ARTS

Paul Underwood Kellogg

DOCTOR OF DIVINITY

Frederick Ernest Emrich

DOCTOR OF LAWS

Isaac Newton Mills
Henry Stockbridge
Walter Wyman

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year. A candidate for admission to the course leading to a degree must offer subjects amounting in all to fourteen points.

LIST OF SUBJECTS

Biology	½	point
Botany	½	point
Chemistry	1	point
English a	2	points
b	1	point
French a	2	points
b	1	point
German a	2	points
b	1	point
Greek I	2	points
II	1	point
Harmony	1	point
History a, b, c, d	1	point each
Latin I	3	points
II	1	point

Mathematics	I	$2\frac{1}{2}$ points
	II	$1\frac{1}{2}$ points
	b, d, f	$\frac{1}{2}$ point each
Physics		1 point
Physiography		1 point
Physiology		$\frac{1}{2}$ point

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

Group I

Latin I, II
Greek I, II
Mathematics I
English a and b
History a

In addition at least one-half point shall be made from the list on pages 41–42.

GROUP 2

Latin I, II and Greek I
or
Greek I, II and Latin I
Mathematics I
English a and b
History a

In addition at least one and one-half points shall be made from the list on pages 41–42.

GROUP 3

Latin I, II
or
Greek, I, II
Mathematics I
English a and b
History a

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, shall be made from the list on pages 41–42. Two of these points shall be a modern language, and one point an advanced subject. The advanced subjects are French b, German b, and Mathematics II.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects, according to the specifications given under each subject.

Latin I
Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics
French a or German a

In addition at least one and one-half points shall be made from the list on pages 41–42 of which one point shall be an advanced subject. The advanced subjects are French b, German b, Mathematics II and Latin II.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for two college years.

Beginning with the class entering in 1914 Latin I and II or Greek I and II will be required of every candidate for a degree. The degree of Bachelor of Science will be discontinued beginning with the class that enters in 1914.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:

Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics

And one of the following advanced subjects:

Mathematics II
French b
German b

And three and one-half points from the list on pages 41–42.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

I. AMOUNT AND RANGE OF READING REQUIRED

1. The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias;* Vergil, *Æneid*, I–VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations, Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics, Georgics*, and *Æneid*) and Ovid (*Metamorphoses, Fasti*, and *Tristia*).

II. SUBJECTS AND SCOPE OF THE EXAMINATION

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

SUBJECTS FOR EXAMINATION

As a tentative assignment of values, NR 1, NR 2, NR 4, and NR 5, are counted as one unit each, NR 3 as two units, and NR 6 as one-half unit; but NR 3 has no assigned value unless offered alone, NR 1, NR 2, and NR 6 have no assigned values unless offered with NR 4 or NR 5, and in no case is the total requirement to be counted as more than four units.

It is understood that this assignment of values will be reconsidered after the requirement has had a year or two of trial.

NR 1. Grammar.—The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).

NR 2. Elementary Prose Composition.—The examina-

tion will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).

NR 3. Second Year Latin.—This examination is offered primarily for candidates intending to enter colleges which require only two years of Latin or accept so much as a complete preparatory course. It will presuppose reading not less in amount than Cæsar, *Gallic War*, I–IV, selected by the schools from Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); but the passages set will be chosen with a view to sight translation. The paper will include easy grammatical questions and some simple composition.

NR 4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.—The examination will presuppose the reading of the required amount of prose (see I, 1 and 2).

NR 5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry. The examination will presuppose the reading of the required amount of poetry (see I, 1 and 2).

NR 6. Advanced Prose Composition.

GREEK

I. ELEMENTARY GREEK

(*a*) i Greek grammar

ii Greek composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

(*b*) Xenophon's *Anabasis*, Books I–IV.

II. ADVANCED GREEK

(*ch*) Homer's *Iliad*, Books I–III (omitting Book II 494–

end) and the Homeric forms, constructions, idioms and prosody. Translation of passages of Homer at sight.

(*f*) Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

MATHEMATICS

I. ELEMENTARY MATHEMATICS

(*a*) Elementary algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations, the binomial theorem for positive integral exponents; the formulas for the *n*th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

(*c*) Plane geometry.

The usual theorems and constructions of good text-books

including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

(*b*) Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

(*d*) Solid geometry.

The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surface and solids.

(*f*) Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple

character; theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra, or plane trigonometry. In this statement the word certificate refers to a certificate given by a preparatory school and not to a certificate of examination by a Board.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years, The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to

cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(*a*) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1912:*

Shakespeare's *As You Like It* and *Julius Cæsar;* Franklin's *Autobiography;* Goldsmith's *The Deserted Village; Dickens' A Tale of Two Cities;* George Eliot's *Silas Marner;* Irving's *Sketch Book;* Scott's *The Lady of the Lake;* Byron's *Mazeppa* and *The Prisoner of Chillon;* Macaulay's *Lays of Ancient Rome.*

For students entering in 1913, 1914, 1915:

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which

* The lists for the class entering in 1912 are selected from the lists adopted by the Conference on Uniform Entrance Requirements in English at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may present other selections from those lists provided they notify the Registrar, on or before the first day of February preceding the examination, of the substitutions they wish to make.

at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Æneid*. The *Odyssey*, *Iliad*, and *Æneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Cæsar.*

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield;* either Scott's *Ivanhoe* or Scott's *Quentin Durward;* Hawthorne's *House of the Seven Gables;* either Dickens' *David Copperfield* or Dickens' *Tale of Two Cities;* Thackeray's *Henry Esmond;* Mrs. Gaskell's *Cranford;* George Eliot's *Silas Marner;* Stevenson's *Treasure Island.*

IV. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers* in the *Spectator;* Franklin's *Autobiography* (condensed); Irving's *Sketch Book*, Macaulay's *Essays on Lord Clive* and *Warren Hastings*, Thackeray's *English Humourists; Selections* from Lincoln, including at least *the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address*, and *the Letter to Horace Greeley*, along with a brief memoir or estimate; Parkman's *Oregon Trail;* either Thoreau's *Walden;* or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge, A Liberal Education* and *A Piece of Chalk;* Stevenson's *Inland Voyage* and *Travels with a Donkey.*

V. Palgrave's *Golden Treasury* (*First Series*), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village;* Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal;* Scott's *Lady of the Lake;* Byron's *Childe Harold*, Canto IV, and *Prisoner of Chillon;* Palgrave's *Golden Treasury* (*First Series*), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound;* Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab* and *Rustum;* Tennyson's *Gareth* and *Lynette*, *Lancelot* and *Elaine*, and *The Passing of Arthur;* Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City.*

(*b*) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon content, form, and style.

For students entering in 1912:—

Shakespeare's *Macbeth;* Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur;* Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns.*

For students entering in 1913, 1914, 1915:—

Shakespeare's *Macbeth;* Milton's *L'Allegro*, *Il Penseroso*, and *Comus;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration;* Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns.*

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading;* and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. These topics will involve such knowledge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected of preparatory school students. In grammar and rhetoric the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study.* The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for *Study,* from the candidate's other studies, and from his personal knowledge and experiences quite apart from his reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of important words, phrases,

and allusions. It is not designed, however, to require in preparation minute drill in difficulties of interpretation, unimportant allusions, or technical details. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 92 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent

abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;* Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tâche du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

b. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle-Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's

plays; Thierry, *Récits des Temps Mérovingiens;* Thiers, *L'Expédition de Bonaparte en Egypte;* Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 81 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY GERMAN.

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the form and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and

sometimes in writing, of the substance of short and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder;* Arnold, *Fritz auf Ferien;* Baumbach, *Die Nonna* and *Der Schwiegersohn;* Gerstäcker, *Germelshausen;* Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende;* Hillern, *Höher als die Kirche;* Jensen, *Die braune Erica;* Leander, *Träumereien* and *Kleine Geschichten;* Seidel, *Märchen;* Stokl, *Unter dem Christbaum;* Storm, *Immensee* and *Geschichten aus der Tonne;* Zschokke, *Der zerbrochene Krug.*

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen;* Elz, *Er ist nicht eifersüchtig;* Wichert, *An der Majorsecke;* Wilhelmi, *Einer muss heiraten.* Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug;* then *Höher als die Kirche*, or *Immensee;* next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess.*

b. ADVANCED GERMAN

The work should comprise in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less

usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise in word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein;* Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit,* for example, *Karl der Grosse, Aus den Kreuzzügen, Doktor Luther, Aus dem Staat Friedrichs des Grossen;* Fouqué, *Undine;* Gerstäcker, *Irrfahrten;* Goethe, *Hermann und Dorothea* and *Iphigenie;* Heine's poems and *Reisebilder;* Hoffman, *Historische Erzählungen;* Lessing, *Minna von Barnhelm;* Meyer, *Gustav Adolfs Page;* Moser, *Der Bibliothekar;* Riehl, *Novellen,* for example, *Burg Neideck, Der Fluch der Schönheit, Der stumme Ratsherr, Das Spielmannskind;* Rossegger, *Waldheimat;* Schiller, *Der Neffe als Onkel, Der Geisterseher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke, Balladen;* Scheffel, *Der Trompeter von Säkkingen;* Uhland's poems; Wildenbruch, *Das edle Blut.* A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher;* (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

(a) Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A.D.

(b) Mediæval and Modern History, from 814 to the present time.

(c) English History.

(d) American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate takes the examination, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less then forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis

should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts's *Physiology and Hygiene*, Eddy's *Text Book in General Physiology and Anatomy.*

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Coulter's *Plant Relations* and *Plant Structures*, Stevens's *Introduction to Botany.*

HARMONY

The candidate should acquire: (1) the ability to har-

monize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. The preliminary examination will cover the whole of each subject designated by a small letter; for example Mathematics a, Latin c, which may not be divided between the preliminary and final examination. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, Algebra or Geometry, and English b.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1912

In June, 1912, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 17–22, 1912.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis and other points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 3, 1912; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 27, 1912; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 13, 1912.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of $5.00 in addition to the usual fee.

The examination fee is $5.00 for all candidates examined at points in the United States and Canada and $15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express

order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1912, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Friday, Saturday, Monday, Tuesday, and Wednesday, September, 13–18, 1912.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

	FRIDAY		
9 A.M.	Registration	1.30 P.M.	Greek I
10 A.M.	Biology		Chemistry
	Physiology	3.30 P.M.	Greek II
	Botany		Physics
	Harmony		
	Physiography		
	SATURDAY		
8 A.M.	French a	1.30 P.M.	French b
10 A.M.	German a	3.30 P.M.	German b

MONDAY

8 A.M.	Mathematics c	1.30 P.M.	English a
	Mathematics d		English b
10 A.M.	Mathematics f		

TUESDAY

8 A.M.	Mathematics a	1.30 P.M.	Latin I
	Mathematics b	3.30 P.M.	Latin II

WEDNESDAY

8 A.M. History a
History b
History c
History d

For Porter Admission Prize see page 123.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has been not pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate is accepted for work in French, German, solid geometry,

advanced algebra and plane trigonometry, on which examinations must be taken. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Certificate privilege.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 48.

Certificates of the New York State Examination Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but no student is allowed to remain in College over two years with an entrance condition.

The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to College. A student from another college should present a letter of honorable dismissal, together with a detailed, certified statement of the work done by him in each department of study at the college from which he comes. Credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For special examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, which are four-hour courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester. No student is allowed to take more than six courses in a semester. The course in Debates (Public Speaking), which is a one-hour course, may be reckoned as one of the five courses of the first semester of Senior year. For courses open to the several classes, see page 73.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission both Latin I and II and Greek I and II are required to study those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives, as directed by the plan on page 70.

Those who present for admission only one ancient lan-

guage, Latin I and II or Greek I and II, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives, as directed by the plan on page 70.

Candidates for the degree of B. S. who are not credited with Latin II or Greek II are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives, as directed by the plan on page 70; but those who have presented both Latin I and II may become candidates for the degree of B. A. by taking the Latin of Freshman and Sophomore years, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed both Latin I and II.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

Biology 1–2	Greek A, B
Chemistry 1–2	Italian 1–2
French 1–2, 3–4, 5–6	Mathematics 11–12, or 14
German 1–2, 3–4, 5–6	Spanish 1–2

Those who have Freshman Greek may choose Greek 2 or 4 the second semester, and are allowed until the end of the first semester to make their choice.

STUDIES OF SOPHOMORE, JUNIOR AND SENIOR YEARS

After Freshman year all courses are chosen in accordance with the plan printed on page 70, except that declamation in Sophomore year is required. Choices are made for the year and may be changed only by permission of the Admin-

istration Committee. No change of elective will be allowed later than the second week of the first semester.

Choice of electives for the following year must be made on or before the second Saturday in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. When a change of electives is made a fee of two dollars is imposed which must be paid when the petition is filed.

RULES FOR ELECTING STUDIES

Elections are to be made in accordance with the plan printed below. On account of the prescribed studies in Sophomore year and the requirement of three majors and one minor during the course, a careful study should be made of the requirements printed on pages 71–73. Attention is particularly directed to the requirement that one or two courses of the Freshman year shall be pursued as majors during the Sophomore and Junior years.

The card of elections must be approved and signed by a member of the Instruction Committee before it is handed in.

FRESHMAN YEAR

	B. A.	B. S.
Group I	Groups II and III	
1. Mathematics	Mathematics	Mathematics
2. English	English	English
3. Latin	Ancient Language	German
4. Greek	Modern Language or Greek B	Romance Language
5. Biology or Chemistry	Biology or Chemistry or French, German, or Greek A*	Biology or Chemistry

*Students who enter under Groups II and III and elect a modern language or Greek A as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

SOPHOMORE YEAR

B. A.	B. S.
1. Ancient Language	1. Modern Language
2. Modern Language	2. Physics
3, 4. Two Subjects from English, History and Group A*	3. English
	4. History or Group A
5. Elective	5. Elective

JUNIOR YEAR

1. Major 1†
2. Major 2
3. Major 3
4. Group B‡
5. Elective

SENIOR YEAR

1. Major 2 (or Elective in case Major 2 has been completed at the end of Junior year)
2. Major 3
3. Minor
4. Elective
5. Elective

†A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 1 or 2 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a minor.

*Group A includee Biology, Chemistry, Physics Mathematics.

‡Group B includes Group A, Geology, Philosophy, and Economics.

REGULATIONS

I

Candidates for the degree of B. A. beginning with the class entering in 1911, must complete two years of science in the following group: Biology, Chemistry, Physics.

II

Candidates for the degree of B. S. must complete second year German; second year French, Italian, or Spanish; Sophomore English; Physics 1, 2 in Sophomore year; and ten courses which are to be chosen from Sciences, Mathematics, or Economics, though not more than two courses in Economics may be so reckoned among the ten courses. Sciences taken in Freshman year are included in the ten courses, but the Freshman courses in Mathematics are not so included.

III

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in VI, VII, and VIII.

IV

Not more than two courses may be taken simultaneously in one subject or under one instructor to count toward a degree.

V

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

VI

Modern Government 2 preceded by Public Speaking 5 in the first semester of Junior year may be counted as a year course, which with Modern Government 3, 4 may constitute a minor.

VII

Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

VIII

Astronomy 2 or 4 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Senior year, may be counted as a year course, which with Astronomy 1, 2 or 1, 4 may constitute a minor.

IX

Beginning with the class entering in 1911 a reading knowledge of German and a Romance language (French, Italian or Spanish) is required for a degree. In the case of those entering with Greek, a reading knowledge of German or a Romance language is required for a degree.

X

Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

LIST OF ELECTIVES

Sophomores, Juniors and Seniors elect five courses each semester.

	Sophomore Year	Junior Year	Senior Year
Art	.....	1, 2	.....
Astronomy	.....	1, 2	4
Biblical Literature	.....	1, 2	3, 4
Biology	3, 4, 5, 6	7, 8, 9, 10	11, 12
Chemistry	1 to 4	5, 6	7 to 10
Economics	.....	1, 2, 8, 10	3, 4, 5, 11, 12
English	5, 6	7 to 16, 23, 24	17 to 22
French	1 to 8	9, 10	.....
Geology	.....	1, 2	3 to 8
German	1 to 10	.....	11, 12
Greek	A, 1 to 4, 10	5 to 10	11, 13
History	1, 2	3 to 10	11, 12
Italian	1, 2	3 to 6	.....
Latin	1 to 4	5 to 8	12
Mathematics	3, 4, 11, 12	5, 6	7 to 10
Modern Government	.....	2	3, 4
Music	1, 2	3, 4	5, 6
Philosophy	.....	1, 2, 4	5 to 8
Physics	1, 2	3 to 6	7, 8
Public Speaking	.....	5	7
Spanish	1, 2	3 to 6	.....
		and any preceding course	and any preceding course

STUDIES OF SPECIAL STUDENTS

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

EXTRA COURSES

A student who has an average of not less than 70 in the previous semester, and has not failed in any course in that semesetr, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee. A student who, by reason of failing in one course the first semester, takes only four courses the second semester, may, if he maintains a standing of 70 in those courses, take six courses the following year.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department, and this credit shall count as a regular course in the fourth semester in which it is taken.

ART

Professor Smith

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics. (Omitted in 1911–1912.)

Professor Baxter

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs. (Omitted in 1911–1912.)

ASTRONOMY AND NAVIGATION

Professor Todd

1. General and descriptive astronomy. Todd's *New Astronomy;* lectures upon the history of astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time.

(Physics 2 requisite.)

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope.

(Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

The course includes the theory of the construction, adjustment, and use of the instruments of the observatory, and each student makes observations, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)

BIBLICAL LITERATURE

Professor Genung

1. The formative centuries, to the time of the literary prophets. Lectures, essays, discussions.
2. Prophecy and other literature to the Babylonian exile.
3. Post-exilic literature; coming of the Son of Man.
4. Literature of the apostolic era.

BIOLOGY

Professors Tyler and Loomis, and Mr. Young

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours per week.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours per week.

3. Evolution of the animal kingdom.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

4. Evolution and distribution of the vertebrates.

(3 requisite.)

Professor Goodale

5, 6. General structural, physiological, and economic botany of the flowering plants. (Omitted in 1911–1912.)

Two hours laboratory or field work each week.

7, 8. Evolution of the plant kingdom.

The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants.

Professors Loomis and Phillips

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Professor Phillips

10. Human Physiology.

(9 requisite.)

Professor Tyler

11. Anthropology.

Professor Loomis

12. Biological problems.

CHEMISTRY

Professors Hopkins, Hall, and Doughty

1. General chemistry. The non-metallic elements and their compounds.

2. General chemistry. The metallic elements and their compounds.

(3 hours class and 2 hours laboratory.)

Professor Hall

3. Inorganic chemistry; with especial emphasis upon the topics ionic hypothesis and chemical equilibrium and their application to the reactions of analytical chemistry.

(1 and 2 requisite; 2 hours class and 3 hours laboratory.)

Professor Doughty

4. Qualitative analysis. Reactions and detection of the common metallic and acidic ions.

(1, 2 and 3 requisite; 2 hours class and 3 hours laboratory.)

Professor Hall

5. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

6. Quantitative analysis; a continuation of 5.

(1, 2, 3 and 4 requisite; 6 hours laboratory.)

Professor Doughty

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

(1, 2, 3 and 4 requisite; 3 hours class and 3 hours laboratory.)

ECONOMICS

Professors Crook and Clark

1. Outlines of Economics.

2. Continuation of 1.

Professor Crook

3. Public Finance. The principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(1 and 2 requisite.)

4. Transportation Problems, Johnson's *Elements of Transportation;* McPherson's *Railroad Freights,* etc. (Omitted in 1911–1912.)

(1 and 2 requisite.)

Professor Clark

5. Financial history, and monetary and banking problems of the United States.

(1 requisite.)

Professor Crook

8. Labor problems, including trades, unionism and the wage question.

(1 requisite.)

Professor Clark

10. Corporations, trusts, and monopolies.

(1 requisite.)

Professor Crook

11. Advanced Economic Theory. (Omitted in 1911–1912.)

12. Continuation of 11. (Omitted in 1911–1912.)

The department conducts a Seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

ENGLISH

Professors Utter, Hamilton, and Andrews

1. Composition; exposition; themes and conferences; reading in standard authors.

2. Continuation of 1; description and narration.

Professors Churchill, Utter, and Hamilton

5. General introduction to English literature, 1798–1892.

6. Continuation of 5. English literature of the nineteenth century; themes and conferences.

English 5 is requisite to English 6. The courses aim to present a wide variety of literary types and figures, that the student may determine his interests and prepare for more special study in other courses, and at the same time gain a general knowledge of the nature and extent of English Literature.

Professor Genung

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Professor Churchill

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

10. The English Drama; rise and development; works of the predecessors of Shakespeare; the dramatic art of Shakespeare.

11. The English Drama; rise and development; the predecessors of Shakespeare; Shakespeare. (Omitted in 1911–1912.)

12. Continuation of 11. (Omitted in 1911–1912.)

Professor Utter

13. The English Novel; its form and development; themes and conferences. (Omitted in 1911–1912.)

14. Continuation of 13. (Omitted in 1911–1912.)

(13 requisite.)

Professor Hamilton

15. Elizabethan literature, 1557–1604; study of lyric and dramatic poetry; early English prose.

16. English literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

Professor Utter

17. Advanced composition.

Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.

18. Continuation of 17.

Professor Churchill

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

20. Continuation of 19.

For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.

21. Old English (Anglo-Saxon). Cook-Sievers's *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of old English.

22. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales;* lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer.*

23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required. (Omitted in 1911–1912.)

24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman,* the Arthurian tales, the Mystery plays, Chaucer. Knowledge of Middle English is not required. (Omitted in 1911–1912.)

GEOLOGY

PROFESSOR EMERSON AND MR. BALLARD

1. Structural and dynamical geology and physiography. Six excursions required, generally on Wednesday or Saturday.

(Physics 1, 2 and Chemistry 1, 2, requisite.)

2. Historical geology, paleontology. Two excursions required, generally on Wednesday or Saturday.

(1 requisite, Biology 1, 2, desirable.)

3. Field and laboratory geology. Two full afternoons a week required. Mapping a part of the old lake beds as long as weather allows, followed by mineralogy.

(Geology 1, 2 requisite.)

4. Mineralogy continued until the weather allows field work, then a survey of an area of massive or crystalline rocks. Two full afternoons a week.

(Geology 1, 2 requisite.)

5. General course in mineralogy and crystallography.

(Chemistry 1, 2 requisite.)

6. Optical mineralogy, petrography.

(5 requisite.)

7. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)

8. Continuation of 7.

(3 to 8 are laboratory courses. Hours arranged with teacher.)

GERMAN

PROFESSORS EASTMAN AND MANTHEY-ZORN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.

2. Continuation of 1; composition, syntax, translation from prose selections.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller and Goethe: a representative work of each author; composition and free reproduction.

5a. Goethe's dramas; lectures and essays.

5b. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

Course 5a is given alternate years with 5b.

Professor Eastman

7, 8. The German novel of the nineteenth century.

Professor Manthey-Zorn

9. The German classical drama of the 18th century. (Omitted in 1911–1912.)

10. The German drama of the 19th century and contemporary drama. (Omitted in 1911–1912.)

Courses 7, 8 are given alternate years with 9, 10.

Professor Eastman

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

12. Middle High German; Walther von der Vogelweide and other Minnesingers.

(Two semesters in addition to 5 and 6 requisite.)

GREEK

Professor Elwell

A. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

B. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

These courses are given to three or more students, on application.

1. Homer, *Odyssey.*
2. Lysias.

Professor Smith

3. Greek drama. Sophocles, *Antigone;* Euripides, *Alcestis;* lectures on the development of tragedy and the theater; study of other selected dramas in an English translation.

4. Plato, *Apology* and *Crito* and parts of the *Phaedo;* Xenophon, *Memorabilia;* lectures and reading on the life and influence of Socrates.

Open to Freshmen who have had Greek 1.

5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology.

6. Lucian; selections; the Greek romance.

7. Epic poetry; Homer, *The Iliad,* rapid reading; Apollonius Rhodius, *Argonautica* III: lectures and reports. (Omitted in 1911–1912.)

8. Aristophanes, *Birds,* with lectures on the development of comedy; Æschylus, *Agamemnon,* with a study of the other plays of the Orestes trilogy in an English translation. (Omitted in 1911–1912.)

Courses 5, 6 are given alternate years with 7, 8.

Professor Elwell

9. The New Testament; the Acts of the Apostles.

10. The Greek Historians: Herodotus, Thucydides.

Professor Smith

11. Greek prose composition, with study of other topics of interest to students intending to teach classics.

A half course, one and a half hours a week, open with permission of the instructor to Seniors and specially qualified Juniors. Greek 11 and Latin 12 taken together receive credit as a semester course, and with a semester of Latin or Greek may be counted as a year's course.

PROFESSOR SMITH

13. Greek Literature; Plato and Aristotle; lectures; study of selected works in an English translation, with reports on special topics.

Knowledge of the Greek language is not required. Open to Seniors only.

HISTORY

MR. BYRNE

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades; and other characteristic phenomena of the period.

2. The later Middle Ages; the development of Nationalities; the Culture and Church of the Middle Ages; the Italian Cities; the Renaissance and the Protestant Revolt.

PROFESSOR GALLINGER

3. English history, 1066–1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

5. American history, 1492–1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English Colonies.

6. American history, 1750–1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Professor F. L. Thompson

9. European history from the Peace of Westphalia to the beginning of the French Revolution, 1648–1789.

10. European history, 1789–1870.

11. Political and constitutional history of the United States to the election of Jackson, 1783–1828.

12. Political and constitutional history of the United States since the election of Jackson.

HYGIENE AND PHYSICAL EDUCATION

Professors Phillips, Nelligan, and Carpenter

1, 2. Personal Hygiene, lectures on fundamental laws affecting health. Physical Exercise, in the form of (A) Athletics and Gymnastics, or (B) Aquatics.

Freshmen unable to swim are required to take (B).

3, 4. Physical Exercise, in the form of (A) Gymnastics and Military Evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).

5, 6. Physical Exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

The courses are for the first and second terms of the year.

LATIN

Professor Houghton and Dr. Bennett

1. Cicero, *De Senectute* or *De Amicitia:* Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from the *Odes and Epodes:* Ovid, *Metamorphoses.*

Professor Cowles and Dr. Bennett

3. Plautus, *Trinummus;* Terence, *Adelphoe*, with lectures on the Roman theater, the origin and development of the

Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania.* Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

PROFESSOR COWLES

5. Satire; Horace, Persius and Juvenal; The essential qualities of Roman satire, and the various forms which it successively assumed.

PROFESSOR HOUGHTON

6. Tacitus, *Annales* and *Historiæ.* Epigram. Martial.

7. Lucretius, *De Rerum Natura.* Elegy: Tibullus and Propertius.

PROFESSOR COWLES

8. Apuleius, *Cupid and Psyche; Metamorphoses: Vergil, Æneid,* Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature.

Courses 5, 6, 7 and 8 are open to Juniors and Seniors.

PROFESSORS COWLES AND HOUGHTON, AND DR. BENNETT

12. Latin prose composition, with the study of other topics of interest to students intending to teach the classics.

A half course, one and one-half-hours a week, open with the permission of the instructor, to Seniors and specially qualified Juniors. Latin 12 and Greek 11 together receive credit as a semester course, and with a semester of Latin or Greek may be counted as a year course.

MATHEMATICS

Professors Olds, Esty, Parker, and Cobb

1. Solid and spherical geometry; plane trigonometry.

2. Trigonometry continued; advanced algebra, including an introduction to the simplest methods of analytical geometry and the calculus.

3. Plane analytical geometry.

4. Differential and Integral Calculus.

5. Calculus continued, and introduction to analytical geometry of three dimensions.

6. Analytic mechanics; vector methods introduced.

7. Differential equations, ordinary and partial, with their applications; vector methods continued.

8. Advanced analytic geometry and advanced integral calculus. (Omitted in 1911–1912.)

10. Introduction to the theory of functions.

Course 10 is given alternate years with Course 8.
The following courses are designed primarily for students who are preparing to enter schools of technology or to teach.

11. Descriptive geometry.

12. Descriptive geometry; continuation of 11. (Omitted in 1911–1912.)

14. Mechanical drawing.

(Course 11 requisite for 12 and 14.)
Course 14 is given in alternate years with Course 12.

MODERN GOVERNMENT AND INTERNATIONAL LAW

Professor Grosvenor

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as mon-

archic, aristocratic, or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India and Australia.

(2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of people is investigated to ascertain the influence of such condition upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History.* Wilson's *The State.* Lawrence's *International Law.*

MUSIC

Professor Bigelow

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work.

(1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work.

(1, 2 requisite.)

5, 6. Special course in the Wagnerian Music Drama.

Offered only on petition: open to applicants who have a satisfactory proficiency in German.

Pianos and a large Aeolian Orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

PHILOSOPHY

Professor Toll

1. Psychology.
   The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

2. Advanced psychology.
   A detailed study of some of the problems and theories of modern psychology.

(Course 1 requisite.)

Professor Newlin

4. Introduction to philosophy.
   A study of the fundamental problems of metaphysics and ethics, and their bearing on sociology.

(Course 1 requisite.)

5. Philosophy.
   A study of political ethics with special reference to its bearing on social problems; æsthetics; philosophy of religion.

(Course 4 requisite.)

6. Social ethics (seminar).
   A study of philosophical principles in their applica-

tion to the modern problems of philanthropy, industry, and social life.

Instructor's approval requisite to election of this course. (Course 5 requisite.)

PROFESSOR NEWLIN

7. History of ancient philosophy.
Lectures, readings, and discussions.

(Course 4 requisite.)

PROFESSOR TOLL

8. History of modern philosophy.
Lectures, readings, and discussions.

(Course 4 requisite.)

PHYSICS

PROFESSORS KIMBALL AND J. O. THOMPSON, AND MR. WESTHAFER

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity, and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

3. A course in electric and magnetic measurements and in heat.

(1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Double refraction; electromagnetic theory of light and electric waves; discharge of electricity through gases; radio-activity.

(Mathematics 5 and 6 requisite.)

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity.

(Mathematics 5 and 6 requisite.)

7. Electric waves.

8. Thermodynamics applied to problems in physical chemistry.

PUBLIC SPEAKING

Professor Corsa

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

7. Debates on social, economic, historical, and political questions.

This is a one-hour course continuing till the end of the first semester. Any elective course may be taken in place of debates the first semester of Senior year, with credit for a one-hour course. All students electing course 7 who have not previously taken course 5 must enter the course on or before October 1.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ROMANCE LANGUAGES

FRENCH

Professors Lancaster, Baxter, Galpin and Stowell

1, 2. Elementary course; pronunciation, grammar (composition), translation.

3, 4. Advanced course: rapid reading, syntax, composition, and conversation.

Professor Lancaster

5. Tragedy: Corneille, Racine, Hugo, Rostand.

6. Molière's comedies.

Professor Galpin

7, 8. The Novel, from Rabelais to Zola.

(5 and 6 requisite.)

Professor Lancaster

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.)

Professor Stowell

10. The Contemporary Novel.

(9 requisite.)

11, 12. Old French.

Given on application of three or more students who have completed 9, 10.

ITALIAN

Professor Baxter

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decaemrone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian). (Omitted in 1911–1912.)

5, 6. Dante, *Vita Nuova, Divina Commedia* (Scartazzini); lectures on Dante.

Courses 5, 6 are given alternate years with 3, 4.

SPANISH

PROFESSOR GALPIN

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1, 2 requisite.) May not be taken in the same year as Italian 1, 2.

3. The modern novel. (Omitted in 1911–1912.)

4. The novel of the sixteenth and seventeenth centuries; reading of *Lazarillo de Tormes* and selections from *Don Quixote*. (Omitted in 1911–1912.)

5, 6. The classic drama and the ballads.

Courses 5, 6 are given in alternate years with 3, 4.

THE HENRY WARD BEECHER LECTURESHIP

This lectureship is named in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and pays the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor H. Morse Stephens of the University of Wisconsin. The subject of the lectures is *The French Revolution.*

THE GREEK LECTURESHIP

Professor Gilbert Murray, Regius Professor of Greek in Oxford University, England, will lecture on *Greek Literature* in the spring of 1912.

THE KELLOGG LECTURESHIP

Preserved Smith, Ph.D., Kellogg University Fellow, lectures on *The Life of Erasmus.*

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held; foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members; distinguished foreigners are invited to speak in their native tongue under the auspices of the Club; plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords

opportunity to hear prominent lecturers from outside the College.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. Some of the works studied, thus far, are Mendelssohn's *St. Paul*, *Hymn of Praise*, *Hear my Prayer*, and *Elijah*, Handel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about one hundred thousand volumes. The funds available for the increase of the library yield an annual income of about six thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the several departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M., every day except Sundays and holidays. During vacations the library and read-

ing-room are open two hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall. It is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied

with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

The Fayerweather chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The Fayerweather physical laboratory has on the main floor a large lecture room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are

laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological and geological laboratories occupy a large building recently erected on the south side of the campus. On the first floor is the biological museum and on the second floor the geological and mineralogical museum. There are large lecture rooms, laboratories, and working rooms on both floors and in the basement.

The geological museum comprises the Woods cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the ichnological collection, named after President Hitchcock, containing about fourteen hundred tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farman, LL.D., of the class of 1855, are in the biological museum.

Appleton Cabinet contains the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by the gifts of Alumni.

The collections are open to the public every week-day from 3 to 4 P.M.

THE OBSERVATORY

The new observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the President, Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin and Greek lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building, was the first college gymnasium in this country, erected in 1859, and named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D, of the class of 1849, is the College Dining Hall, and accommodates three hundred students.

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, and eight lecture-rooms.

THE COLLEGE CHURCH

The College Church, the gift of the late William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the professors of hygiene,

and rooms containing anthropometric apparatus for the measurement and examination of students. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for outdoor recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area

of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a

choice in suites for one, two or three students. The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hall-ways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter before the opening of the first semester, and the balance before the opening of the second semester. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

The prices of dormitory rooms are as follows:

$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.
$60, North College, Nos. B, E; South College, 11, C.
$65, South College, B.
$80, South College, No. 14.
$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.
$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32.
$95, South College, Nos. 18, 19, 25, 28.
$100, North College, Nos. 2, 17; South College, Nos. 2, 17.
$110, North College, Nos. 13, 30; South College, No. 13.
$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.
$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.
$125, South College, Nos. 22, 23, 26, 27.
$135, North College, Nos. 6, 21; South College, Nos. 6, 21.
$175, South College, Suite 14, 14A, and 14B.
$185, South College, Suite, 10, 10A, and 10B.
(10 B at $45 may be rented with 11 as a suite at $105. 14 B at $45 may be rented with 15 as a suite at $100.)

MORRIS PRATT HALL

Morris Pratt Memorial Hall, given by Mr. and Mrs. Charles M. Pratt as a memorial to their son, who was for a time a member of the class of 1911, will be ready for occupancy the next academic year. The rooms are arranged on the plan of a study with two bedrooms, and single rooms.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks, and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Saturday afternoons all exercises are suspended. Rules regarding examinations, delinquencies, and absences, are published in a pamphlet issued each year in September.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

TERM BILLS AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and forty dollars for the year, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.

Each member of the Senior class is required to pay a graduation fee of six dollars, which is added to the term bill for the second semester of Senior year.

LABORATORY FEES

Physics	First year, each semester	$5.00
	Second and third years, each semester	7.00
Biology	First year, each semester	3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00
Chemistry	First year, first semester	5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester	10.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition	$140	$140	$140
Room (one half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	$339	$410	$486

The dormitories accommodate about two hundred students, and the fraternity houses about two hundred and fifty. At the College Commons in Hitchcock Hall board is furnished at cost. Rooms can be rented at moderate rates in private houses. Board is also furnished at various places in the town, at prices of from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend

elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

PHYSICAL EDUCATION

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of all the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain and increase his health and physical efficiency.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more is the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Instruction Committee appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser whenever he feels the need on any subject related to his college life.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses. The whole course of study must be arranged in accordance with the plan on page 70. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses. The whole course of study must be arranged in accordance with the plan on page 70. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses required, but the two courses in mathematics of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language, Sophomore English,

and first year Physics in the Sophomore year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B. A. degree.

A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman and Sophomore years.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, besides required work in declamation and hygiene in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

DEGREE OF MASTER OF ARTS

Every candidate for the degree of Master of Arts shall make application to the Committee on Instruction for permission to enter upon a course of study for the degree. The application for the degree shall be made not later than October 1 by non-resident candidates, and not later than December 1 by candidates who complete the work for the Bachelor's degree at the end of the first semester of Senior year, and who wish to apply the remainder of the year to studies leading to the Master's degree. For this purpose a blank may be obtained from the Registrar. On this blank the applicant shall indicate the department in which he wishes to pursue his major course of study, and return his application to the Registrar. If this preliminary application is accepted by the Committee on Instruction the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two as his major subject and two others to be known as minors. The minor courses shall be in departments other than that in which his majors are, unless exception be made by the Committee on Instruction. The standard of work for all candidates is a minimum grade of 80% in each of his courses. The amount of work done must be acceptable to the teachers concerned and the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

The regulations stated above apply to all candidates, but applicants who plan to work for the degree in non-residence may obtain the degree not earlier than three years after graduation. Applicants who plan to take work in non-residence but at another institution may not receive the degree from Amherst if more than the first half of all the work required for the degree be done in such institution. The final examination covers all the work done for the degree.

Candidates are expected to appear in person at the conferring of the degree. Every non-resident pays a fee of ten dollars for examination and diploma.

Communications relative to the degree should be addressed to the Secretary of the Committee on Instruction, in care of the Registrar.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consid-

eration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 88 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a general standing of 85 or more are, on recommendation of the Faculty, elected members of the society.

President: Professor Benjamin K. Emerson, ph.d.
Corresponding Secretary: Professor Levi H. Elwell, m.a.
Recording Secretary: Mr. Fred B. Millett, '12.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Govern-

ment may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3–4, 5–6, or 9–10, may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; an average standing of not less than seventy-five in each study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

THE following prizes are offered annually for proficiency in the work of several departments of collegiate study:

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, of fifty dollars each, given by the late John Bertram of Salem. For the year 1911–1912, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Aeneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

Two Junior Prizes, of thirty dollars each. For the year 1911–1912, one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father, Henry D. Hyde, of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the subjects announced by the English department.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the class of 1880, to Juniors for excellence in debate.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879, For the year 1911–1912 the prize will be assigned for the best work in any of the English courses, 9, 10, 15, and 16, together with the best examination upon certain special work.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars given by Henry C. Folger, Jr., of the class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars, in astronomy, given by the late Eleazer Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully

discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition-bills. Scholarships of the first grade are awarded to students whose average standing is A (90 to 100); of the second grade, to students whose average standing is B (80 to 90); of the third grade, to students whose average standing is C (70 to 80). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, $25,000.

The Class of 1871 Scholarship Fund, $25,000, established by a member of the Class.

The William Hilton Scholarship Fund, $17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, $10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, $10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, $6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, $5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucus J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Charles Merriam Scholarship Fund, $2000, established by Charles Merriam of Springfield.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, $2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, $2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, $2000, established by Warren F. Draper of the Class of 1847.

The Class of 1855 Scholarship Fund, $1100, established by the Class.

The Alexander H. Bullock Scholarship Fund, $1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, $1500, established by the Class.

The Class of 1853 Scholarship Fund, $1500, established by the Class.

The Class of 1871 Scholarship Fund, $1400, established by the Class.

The Class of 1826 Scholarship Fund, $5000, established by two members of the Class.

Scholarship funds of $1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually:

The Moore Scholarships, four of $140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of $40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts:

The Sayles Scholarship, $100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, $50, given by A. Lyman Williston of Northampton.

STUDENT LOAN FUND

Through the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in October, January, April and June. It contains articles of edu-

cational value, news of the Alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editor should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

Alumni Associations

The Society of the Alumni

(*Annual Meeting in Commencement Week*)

President: Rev. J. N. Blanchard, '71

Vice-Presidents:

Professor Edwin A. Grosvenor, '67
Collin Armstrong, '77
Henry P. Field, Esq., '80
John P. Cushing, '82
George B. Mallon, '87

Secretary and Treasurer:

Professor Thomas C. Esty, '93, Amherst.

Chairman of Committee on Alumni Trustees:

Hon. William B. Homer, '71

Executive Committee:

Henry P. Field, '80
Professor Joseph O. Thompson, '84
Arthur Curtiss James, '89
Herbert L. Pratt, '95
H. W. Kidder, '97
Dr. John S. Hitchcock, '89
Hon. Henry A. King, '73
Professor H. Norman Gardiner, '78
Fred M. Smith, '84

EASTERN ASSOCIATIONS

The Association of Boston and Vicinity

President: Alfred E. Alvord, 79 Milk St.
Secretary: Theodore B. Plimpton, 24 Milk St.

The Association of Lowell

President: Rev. John M. Greene, 434 Andover St.
Secretary: Charles W. Morey, 14 Belmont St.

The Association of Central Massachusetts

President: Royal P. Watkins, M.D., 17 West St., Worcester
Secretary: Virgil Spaulding, 44 May St., Worcester

The Connecticut Valley Association

President: Harry H. Bosworth, Esq., 31 Elm St., Springfield
Secretary: Felix B. Atwood, 318 Main St., Springfield

The Association of Connecticut

President: Rev. Sherrod Soule, Hartford
Secretary: Ernest W. Pelton, New Britain

The Association of Rhode Island

President: Charles F. Stearns, Esq., County Court House, Providence
Secretary: Gerald M. Richmond, 532 Bannigan Bldg., Providence

The Association of New York

President: Herbert L. Bridgman, 604 Carlton Ave., Brooklyn
Secretary: Charles H. Dayton, 90 West St.

The Association of Brooklyn

President: Walter H. Gilpatric, 277 Broadway, New York
Secretary: Reuben J. Peacock, 37 Liberty St., New York

The Association of Central New York

President: Frank D. Blodgett, Oneonta
Secretary: Halsey M. Collins, Cortland

The Association of Western New York

President: Charles J. Staples, Esq., 1040 Ellicott St., Buffalo

Secretary: Clinton H. Hartzell, 803 Chamber of Commerce, Buffalo

The Association of Philadelphia and Vicinity

President: Rev. John H. Eastman, 505 Garfield Sq., Pottsville
Secretary: Edwin S. Parry, Lafayette Bldg., Philadelphia

The Association of Washington

President: Hon. Ashley M. Gould, 1931 Sixteenth St., N.W.
Secretary: Barry Bulkley, Cosmos Club.

The Association of Pittsburgh

President: William D. Evans, Esq., Commonwealth Bldg.
Secretary: Harry G. Tinker, 431 Diamond St.

CENTRAL AND FAR WESTERN ASSOCIATIONS

The Association of Cleveland and Vicinity

President: William E. Byrnes, 725 St. Clair Ave.
Secretary: Charles W. Disbrow, University Club

The Amherst Club of Chicago

President: Henry H. Titsworth, Stock Exchange Bldg.
Secretary: S. Bowles King, 122 South Michigan Ave.

The Association of St. Louis

President: Edward C. Robbins
Secretary: Luther E. Smith, Esq., Pierce Bldg.

The Northwestern Association

President: Joseph R. Kingman, Esq., 225 Ridgewood Ave., Minneapolis
Secretary: Joseph L. Seybold, 941 Campbell Ave., Hamilton, Ohio

The Association of Des Moines

President: Richard R. Rollins, 30th St. and Rutland Ave.
Secretary: Edwin D. Hewitt, Second and Walnut Sts.

The Association of the Southwest

President: Cassius M. Clark, Esq., Peabody, Kansas
Secretary: Edward W. Kidder, Kansas City, Missouri

The Association of Nebraska

President: Rev. Frank T. Rouse, 412 North 22d St., Omaha
Secretary : Osgood T. Eastman, First National Bank, Omaha

The Rocky Mountain Association

President: W. F. Slocum, Colorado Springs, Colorado
Secretary: Earl Comstock, 335 Century Bldg., Denver, Colorado

The Association of Arizona

President: Stuart W. French, Douglas
Secretary: William H. Webster, Douglas

The Association of Southern California

President: Rev. William H. Day, 946 South Union Ave., Los Angeles
Secretary: William C. Marble, Hellman Bldg., Los Angeles

The Association of Washington

President: Clarence M. Austin, Seattle
Secretary: John D. Howard, Seattle

Railroad Connections

THE Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Amherst College, Mass.

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Amherst, Massachusetts

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AMHERST COLLEGE CATALOGUE

Amherst College Catalogue

For the Year

1912--1913

Amherst, Massachusetts
Published by the College

1912

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College Calendar

1912			
September	19,	Beginning of the College Year	11.30 A.M. Thursday
October	3,	Mountain Day, a holiday	Thursday
November	27–30,	Thanksgiving Recess	12.20 P.M. Wed.–8.30 A.M. Sat.
December	20,	Christmas Recess begins	12.20 P.M. Friday
1913			
January	3,	Christmas Recess ends	2 P.M. Friday
Jan. 28–Feb.	5,	Semi-Annual Examinations	
February	6,	Second Half-Year begins	Thursday
February	9,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Saturday
March	26,	Spring Recess begins	12.20 P.M. Wednesday
April	8,	Spring Recess ends	2 P.M. Tuesday
May	30,	Memorial Day, a holiday	Saturday
June	11–20,	Semi-Annual Examinations	
June	16–21,	Examinations for Admission	Monday to Saturday
June	22,	Baccalaureate Sermon	Sunday
June	23,	Hyde Prize Orations	Monday afternoon
June	23,	Kellogg Prize Declamations	Monday evening
June	24,	Class Day	Tuesday
June	24,	President's Reception	Tuesday afternoon
June	25,	Commencement Exercises	Wednesday morning
June	25,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	11–17,	Examinations for Admission	Thursday to Wednesday
September	18,	Beginning of the College Year	11.30 A.M. Thursday
October	15–17,	Porter Prize Entrance Examinations	
December	23,	Christmas Recess begins	12.20 P.M. Tuesday
1914			
January	6,	Christmas Recess ends	2.00 P.M. Tuesday

Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

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President's House

GEORGE HARRIS, D.D., LL.D., *President Emeritus*
65 Central Park West, New York, N. Y.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty* 3 Orchard St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy* 85 Elm St., Worcester, Mass.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry* Warsaw, N. Y.

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Amherst, Mass.

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory* Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and Biblical Interpretation* 6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern Government and International Law* 7 College St.

*HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Williston Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 16 South Pleasant St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics* 1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Parmly Billings Professor of Hygiene and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy* 8 Orchard St.

†WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy* Sunset Ave.

* Absent on leave during the first semester.
† Absent on leave during the year.

CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German Language and Literature* 18 Northampton Road

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LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of Physics* 3 Dana St.

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OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German* 25 College St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of English* 83 South Pleasant St.

* On leave of absence during first semester.

HOWARD WATERS DOUGHTY, PH.D., *Associate Professor of Chemistry* 77 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 9 College Ave.

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HERBERT PIERREPONT HOUGHTON, PH.D., *Assistant Professor of Latin* 20 Spring St.

ALFRED SHEPARD GOODALE, B.A., *Assistant Professor of Botany, and Registrar* 3 Parsons St.

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CHARLES ERNEST BENNETT, PH.D., *Instructor in Latin* 19 Main St.

CLIFFORD BATEMAN BALLARD, B.A., *Assistant in Geology* 11 Parsons St.

DONNELL BROOKS YOUNG, B.S., *Assistant in Biology* 8 North Prospect St.

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CLARENCE EDGAR SHERMAN, B.S., *Assistant Librarian* 4 Lessey St.

CHARLES KINGMAN PERKINS, *Assistant Registrar* Phi Kappa Psi House

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PRESERVED SMITH, PH.D., *Kellogg University Fellow, Lecturer on History.*

FELIX EMMANUEL SCHELLING, PH.D., LITT.D., LL.D., *Professor of English, University of Pennsylvania.*

Lecturer on Clyde Fitch Foundation

Henry Ward Beecher Lecturer

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1911-1912

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Amherst, Mass.

ORDWAY TEAD, B.A., *Roswell Dwight Hitchcock Fellow*
Boston, Mass.

HOWARD FRANCIS BURNS, B.A., *South End House Fellow*
Boston, Mass.

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Averill, Otis	*Flushing, N. Y.*	A Δ Φ House
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Barton, Raymond Gregory	*New Milford, Conn.*	Φ Γ Δ House
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Beckwith, Kenneth Burwell	*Brooklyn, N. Y.*	Φ Δ Θ House
Belden, Horace Potter	*Hamilton, Ohio*	B Θ Π House
Benedict, Chauncey	*Montclair, N. J.*	Ψ ϒ House
Bixby, Harold McMillan	*St. Louis, Mo.*	Ψ ϒ House
Bond, Arthur Hazard	*Springfield, Mass.*	X Φ House
Browne, Robert Henry	*East Orange, N. J.*	X Φ House
Burns, Timothy Joseph	*Ware, Mass.*	15 Amity St.
Cadman, Frederick Leslie	*Brooklyn, N. Y.*	B Θ Π House
Caldwell, Harold Van Yorx	*Winchester, Mass.*	Φ K Ψ House
Caldwell, Louis Goldsborough	*Oak Park, Ill.*	8 Woodside Ave.
Clapp, George Ewing	*Northampton, Mass.*	14 Maple Ave.
Coates, John Locke	*Alliance, Ohio*	A Δ Φ House
Cobb, Samuel Henry	*South Orange, N. J.*	X Φ House
Collins, Frank Samuel	*River Forest, Ill.*	B Θ Π House
Connolly, Bartholomew Joseph, Jr.	*Roxbury, Mass.*	Ψ ϒ House
Cousins, Thomas Flint	*Brooklyn, N. Y.*	409 Morris Pratt Memorial Dormitory
Coxhead, John Wallace	*Buffalo, N. Y.*	X Ψ Lodge
Coyle, Walter Wensley	*Ridgewood, N. J.*	Φ Γ Δ House
Cross, Raymond Witherspoon	*Rochester, N. Y.*	A Δ Φ House
Farwell, John Eden	*Geneva, N. Y.*	Θ Δ X House
Fitzsimmons, Raymond James	*Holyoke, Mass.*	Θ Δ X House
Gilligan, Francis Timothy	*Holyoke, Mass.*	
Glen, Horatio Gates, Jr.	*Schenectady, N. Y.*	Ψ ϒ House

Good, Paul Francis	*Lincoln, Neb.*	
	412 Morris Pratt Memorial Dormitory	
Greene, Theodore Ainsworth	*Middletown, Conn.*	A Δ Φ House
Guetter, Frederick John	*Elwyn, Pa.*	Φ Δ Θ House
Hamilton, William Galloway	*Fond du Lac, Wis.*	Φ K Ψ House
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Hopkins, Carroll Lyman	*Lansing, Mich.*	Φ Δ Θ House
Jaqueth, John Munro	*Brooklyn, N. Y.*	21 Pleasant St.
Jenkins, Robert Alden	*Whitman, Mass.*	K Θ House
Johnston, Charles Lindley, Jr.	*Brooklyn, N. Y.*	Δ Υ House
King, John Lord	*Winnetka, Ill.*	Φ Δ Θ House
Klingenfeldt, John Henry, Jr.	*Brooklyn, N. Y.*	Σ Δ P House
Knudson, Edward Chevalier	*Devon, Pa.*	Ψ Υ House
Konold, Herschel Scott	*Oak Park, Ill.*	Δ Υ House
Leiper, Henry Smith	*Blauvelt, N. Y.*	B Θ Π House
Lindsay, Kenneth Clement	*Milwaukee, Wis.*	X Ψ Lodge
Littlejohn, Hugh Warwick	*Flushing, N. Y.*	A Δ Φ House
Loomis, Henry Sprague	*Westfield, N. J.*	X Φ House
McClure, James Focht	*Lewisburg, Pa.*	
	305 Morris Pratt Memorial Dormitory	
Marsh, Allison Wilson	*Quincy, Mass.*	Φ Γ Δ House
Merrill, Randolph Seaman	*Paterson, N. J.*	Φ Γ Δ House
Mitchell, John Houston	*New Britain, Conn.*	Δ K E House
Moore, John Stanley	*Newton Center, Mass.*	Δ K E House
Moore, Walter Weaver	*Johnstown, Pa.*	Δ Υ House
Morris, Albert Millard	*Yonkers, N. Y.*	A Δ Φ House
Morse, Edward Stiles	*Amherst, Mass.*	Δ K E House
Murphey, Hermon King	*Niagara Falls, N. Y.*	K Θ House
Newbery, Alfred	*New York, N. Y.*	8 Woodside Ave.
Olds, George Daniel, Jr.	*Amherst, Mass.*	A Δ Φ House
Parsons, Charles Edwards	*Colorado Springs, Colo.*	X Ψ Lodge
Partenheimer, Harold Philip	*Greenfield, Mass.*	Φ K Ψ House
Patton, Hamilton	*Springfield, Mass.*	X Φ House
Plough, Harold Henry	*New York, N. Y.*	Δ Υ House
Pope, Frederick Russell	*Brooklyn, N. Y.*	K Θ House
Price, Clark Monroe	*Woodmere, N. Y.*	
	412 Morris Pratt Memorial Dormitory	

Pride, Herbert Hammond	*Quincy, Mass.*	Σ Δ P House
Proctor, Hilliard Alonzo	*Corning, N. Y.*	X Ψ Lodge
Proudfoot, Perry Alonzo	*Roselle, N. J.*	Φ Δ Θ House
Quill, James Robert	*North Brookfield, Mass.*	Hunt Block
Rankin, Russell Bruce	*Newark, N. J.*	Φ Δ Θ House
Richard, Irving Edward	*Brookline, Mass.*	Δ K E House
Robinson, Gain	*Springfield, Mass.*	X Φ House
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Stone, Nelson	*Wareham, Mass.*	K Θ House
Stone, Raymond Worthington	*Brookline, Mass.*	Φ Δ Θ House
Storrs, John Tyler	*Ware, Mass.*	Δ K E House
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Swanton, Hobart Pond	*Rochester, N. Y.*	Λ Δ Φ House
Tappin, Clarence Leon	*Gardner, Mass.*	Σ Δ P House
Tilden, James Addison, Jr.	*Hyde Park, Mass.*	Ψ Υ House
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Westcott, Ralph Wells	*Oak Park, Ill.*	Θ Δ X House
Whitney, William Henry	*West Springfield, Mass.*	Φ Γ Δ House
Wilcox, Sanford Potter	*Grand Rapids, Mich.*	Φ Δ Θ House
Wilcox, William Joralemon	*Madison, Conn.*	Σ Δ P House
Wilder, Harry Converse	*Watertown, N. Y.*	Λ Δ Φ House
Williamson, Gerald Humphrey	*Rochester, N. Y.*	Φ K Ψ House

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Bliss, Mervin Washington	*Hooksett, N. H.*	1 Woodside Ave.
Bliss, Percival Floyd	*Springfield, Mass.*	Hunt Block
Brough, Frank Christopher	*Hackensack, N. J.*	K Θ House
Brown, Donald Howlett	*Minneapolis, Minn.*	Ψ Υ House
Buffington, Kenneth	*Kittanning, Pa.*	Ψ Υ House
Burdick, Percy Jay	*Ballston Spa, N. Y.*	3 Northampton Road
Butler, Earle Dudley	*Middletown, Conn.*	Α Δ Φ House
Carpenter, John Tilney	*New York, N. Y.*	Φ Δ Θ House
Chamberlain, Sydney Dakin	*Springfield, Mass.*	X Φ House
Child, John Randall	*Morrisville, Vt.*	K Θ House
Childs, Maurice Frederick	*Heath, Mass.*	1 Woodside Ave.
Clark, Dwight Nelson	*Norfolk, Conn.*	Φ Δ Θ House
Cobb, Edward Sprague	*South Orange, N. J.*	X Φ House
Cohn, Edwin Joseph	*New York, N. Y.*	15 Amity St.
Creedon, Herbert	*Amherst, Mass.*	X Φ House
Cushman, Solomon Frederick, Jr.	*Monson, Mass.*	B Θ Π House
Dana, Leon Nye	*Belpre, Ohio*	404 Morris Pratt Memorial Dormitory
DeCastro, Allen John	*New York, N. Y.*	X Φ Annex
Donohue, Jeremiah Joseph	*Lynn, Mass.*	Chemical Laboratory
Fallass, Charles Henry	*Petoskey, Mich.*	Chemical Laboratory
Ferris, Frank Halliday	*Ridgefield Park, N. J.*	K Θ House
Finch, Frank Clifford	*Endicott, N. Y.*	K Θ House
Firman, Royal	*Oak Park, Ill.*	Δ Υ House
Gaunt, Merrill Stanton	*Methuen, Mass.*	X Ψ Lodge
Glann, Charles	*Cortland, N. Y.*	310 Morris Pratt Memorial Dormitory
Glass, Fred Everett	*Bangor, Maine*	B Θ Π House
Greene, Walter Farrar	*Middletown, Conn.*	Α Δ Φ House

Gundaker, Guy Harry	*Oak Park, Ill.*	Θ Δ X House
Hall, Maynard Howes	*Ridgewood, N. J.*	Σ Δ P House
Hanford, Robert Clinton	*Westfield, N. J.*	X Ψ Lodge
Hardy, Paul Wallace	*Amherst, Mass.*	15 Lincoln Ave.
Hersh, Austin Herman	*Elizabeth, N. J.*	105 Morris Pratt Memorial Dormitory
Hickson, Leslie Matheson	*New York, N. Y.*	15 South Prospect St.
Hough, John Kenneth	*Erie, Pa.*	Φ K Ψ House
Hubbard, Silas Graves	*Amherst, Mass.*	Φ Γ Δ House
Hubbard, Theodore Horace	*White Plains, N. Y.*	Φ K Ψ House
Hull, Allen Birdsall	*Brooklyn, N. Y.*	Ψ Υ House
Huthsteiner, Louis	*Schenectady, N. Y.*	X Ψ Lodge
Jewett, Harold Ernest	*Howard, R. I.*	K Θ House
Kimball, James Richard	*Orange, Mass.*	Δ K E House
Kimball, Richard Montague	*Foxboro, Mass.*	Δ K E House
Landers, Harold Price	*Gilbertville, Mass.*	
Lawrence, Ralph Alphonso	*Shutesbury, Mass.*	Σ Δ P House
Lewis, Arthur John	*Whitman, Mass.*	Σ Δ P House
Livingstone, Colin	*Portland, Ore.*	Λ Δ Φ House
Long, John Cuthbert	*Brooklyn, N. Y.*	Θ Δ X House
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McGay, Walter Howard	*Oak Park, Ill.*	Δ Υ House
Mallon, Alfred Edward	*Minneapolis, Minn.*	5 North College
Miller, Tilford Wentworth	*Hartford, Conn.*	Λ Δ Φ House
Mills, Charles Morris	*St. Louis, Mo.*	Λ Δ Φ House
Morrow, William Otway	*Allenhurst, N. J.*	X Φ Annex
Morse, George Verdi	*Berlin, Mass.*	Δ Υ House
Moulton, Charles Henry	*Brookfield, Mass.*	Φ K Ψ House
Murphy, Robert John	*Nora Springs, Ia.*	Φ Γ Δ House
Outwater, John Ogden	*New York, N. Y.*	Λ Δ Φ House
Payne, Philip West	*Omaha, Neb.*	B Θ Π House
Renfrew, Franklin Ward	*Brooklyn, N. Y.*	Φ Δ Θ House
Richmond, Clinton Whitman	*North Adams, Mass.*	X Ψ Lodge
Rugg, Clarence DeWitt	*Greenfield, Mass.*	X Φ House
Rugg, Charles Parks	*Worcester, Mass.*	X Φ Annex
Seymour, Marlor Boardman	*Hartford, Conn.*	Λ Δ Φ House
Shattuck, Wendell Phillips	*Dundee, N. Y.*	Σ Δ P House
Shaw, Harold Eden	*Monson, Mass.*	Φ K Ψ House
Shrewsbury, Kenneth Oldham	*New York, N. Y.*	Φ Δ Θ House
Shumway, Lowell	*Brooklyn, N. Y.*	Σ Δ P House
Sicard, Hugh Charles	*New York, N. Y.*	5 Parsons St.

Smart, Daniel Stevenson	*Cambridge, N. Y.*	X Ψ Lodge
Smith, Walton Kimball	*Milwaukee, Wis.*	B Θ Π House
Stafford, Fred William	*Rutland, Vt.*	Φ K Ψ House
Strahan, John Windrum, Jr.	*Newark, N. J.*	105 Morris Pratt Memorial Dormitory
Suydam, Frederick Dorflinger	*Paterson, N. J.*	X Φ Annex
Taylor, Frederick Chamberlain	*Prescott, Mass.*	K Θ House
Taylor, Howard Scattergood	*Columbus, N. J.*	X Φ House
Tierney, John James	*Holyoke, Mass.*	Φ Γ Δ House
Tramontana, George Benedict	*Brooklyn, N. Y.*	110 Morris Pratt Memorial Dormitory
Van Ingen, Richard Storrs	*Brooklyn, N. Y.*	Φ Δ Θ House
Wallace, Ben Parkinson	*Washington, Ia.*	Φ K Ψ House
Washburn, George Edward	*Boston, Mass.*	Δ Υ House
Whipple, Ralph Wheaton	*West Wrentham, Mass.*	15 Amity St.
Whiteford, Cameron	*Detroit, Mich.*	33 Northampton Road
Whittemore, Ernest Arthur	*Worcester, Mass.*	Φ Γ Δ House
Wiltsie, George Harold	*Cortland, N. Y.*	Φ K Ψ House
Young, Roswell Philip	*Elmira, N. Y.*	Δ Δ Φ House

Sophomore Class

Agard, Walter Raymond	*Amherst, Mass.*	5 Spring St.
Allen, Frederick Crosby	*Auburndale, Mass.*	K Θ House
Atwater, John Jacob	*Westhampton Beach, N. Y.*	Ψ Υ House
Babcock, Ralph Burger	*Rochester, N. Y.*	Whitredge Hall
Bacon, Richard Hamlin	*Newtonville, Mass.*	Δ K E House
Ballagh, Hamilton Craig	*Tokio, Japan*	Φ Γ Δ House
Bancroft, Richard	*Wellesley, Mass.*	5 School St.
Banfield, Richard	*Austin, Minn.*	407 Morris Pratt Memorial Dormitory
Banta, Kenneth Whittemore	*Binghamton, N. Y.*	Δ K E House
Bengs, Max Andrew	*South Manchester, Conn.*	Φ Γ Δ House
Bissinger, Frederick Maxwell	*San Francisco, Cal.*	212 Morris Pratt Memorial Dormitory
Blair, Francis Wesley	*Amherst, Mass.*	12 Northampton Road
Bratt, George Cleveland, Jr.	*Grand Rapids, Mich.*	406 Morris Pratt Memorial Dormitory
Breckenridge, Warren Allen	*Omaha, Neb.*	B Θ Π House
Bronk, James Edmund	*Amsterdam, N. Y.*	Ψ Υ House
Burke, Francis Joseph	*Holyoke, Mass.*	Φ Δ Θ House
Cady, Arnold	*Kyoto, Japan*	Λ Δ Φ House
Cady, Fenimore	*Kyoto, Japan*	Λ Δ Φ House
Campbell, John Warnock	*Montclair, N. J.*	B Θ Π House
Chapman, Frederick Leslie, Jr.	*Lake Geneva, Wis.*	15 Spring St.
Clapperton, George Douglass	*Grand Rapids, Mich.*	4 Lessey St.
Cole, Harry Wing	*Saratoga Springs, N. Y.*	Chi Phi Annex
Cole, Joseph Gerald	*Brooklyn, N. Y.*	203 Morris Pratt Memorial Dormitory
Conant, Hezekiah Nelson	*Pawtucket, R. I.*	Ψ Υ House
Cooper, Raymond Buxton	*Des Moines, Iowa*	Δ K E House
Coxhead, Harry Burrows	*Buffalo, N. Y.*	X Ψ House
Craig, James Wallace	*Boston, Mass.*	301 Morris Pratt Memorial Dormitory
Crilly, William Michael, Jr.	*Chicago, Ill.*	Θ Δ X House
Cross, John Theodore	*Utica, N. Y.*	Λ Δ Φ House
Curry, Clarence Pratt	*Portland, Ore.*	Ψ Υ House

Curtis, Marvin Kent	*Cleveland, Ohio*	Δ K E House
Cutler, David Sanford	*New York, N. Y.*	Α Δ Φ House
Cutton, George Leon	*Brockport, N. Y.*	Σ Δ P House
Eastman, Gardner Pettee	*Orange, N. J.*	Β Θ Π House
Eaton, Louis Franklin	*Brockton, Mass.*	204 Morris Pratt Memorial Dormitory
Elliot, Arthur Henry	*Port Jefferson, N. Y.*	Φ Γ Δ House
Fuller, Everett Webb	*Brooklyn, N. Y.*	Whitridge Hall
Fuller, Randolph Mercein	*Brooklyn, N. Y.*	Whitridge Hall
Gail, George Philipp Landmann	*Roland Park, Md.*	Χ Ψ Lodge
Garfield, Edward Chandler	*York Village, Me.*	71 South Pleasant St.
Gaus, John Merriman	*Utica, N. Y.*	Α Δ Φ House
Goeller, Lawrence Ebert	*Circleville, Ohio*	5 School St.
Goodwin, Arthur Prentice	*Pittsfield, Mass.*	17 North College
Greene, Phillips Foster	*Upper Montclair, N. J.*	17 College St.
Hall, Gordon Rexford	*Brookline, Mass.*	Χ Ψ Lodge
Harding, George Churchill	*Worcester, Mass.*	Ψ Υ House
Hayner, John Clifford	*Yonkers, N. Y.*	Θ Δ Χ House
Hays, Harlan Bartlett	*Amsterdam, N. Y.*	Δ K E House
Heald, Stanley	*South Weymouth, Mass.*	Δ K E House
Heinritz, Stuart Franklin	*Holyoke, Mass.*	Σ Δ P House
Herrschaft, Coleman Philip	*Brooklyn, N. Y.*	Φ Γ Δ House
Houston, Charles Hamilton	*Washington, D. C.*	210 Morris Pratt Memorial Dormitory
Hubner, George Hartmann	*Brooklyn, N. Y.*	Ψ Υ House
Hunneman, William Cooper, Jr.	*Brookline, Mass.*	Δ K E House
Jarmin, Thornton Reeves	*Bloomington, Ill.*	Β Θ Π House
Johnson, Leslie Obear	*Malden, Mass.*	71 South Pleasant St.
Jones, Marshall Walker	*Winchester, Mass.*	Φ Κ Ψ House
Keith, Gerald	*Brockton, Mass.*	304 Morris Pratt Memorial Dormitory
Kennedy, Edward Helling	*Albion, N. Y.*	Θ Δ Χ House
Kimball, Newton Manross	*Orange, Mass.*	Δ K E House
Kingman, Henry Selden	*Minneapolis, Minn.*	304 Morris Pratt Memorial Dormitory
Konold, Edwin Harold	*Oak Park, Ill.*	Δ Υ House
Langspecht, Henry Thomas	*Brooklyn, N. Y.*	414 Morris Pratt Memorial Dormitory
Lincoln, Joseph Newhall	*Quincy, Mass.*	Φ Γ Δ House
Lind, John Eugene	*Brooklyn, N. Y.*	Σ Δ P House
Loomis, Samuel	*Bedford, Mass.*	Θ Δ Χ House

Lott, James Cropsey	*Brooklyn, N. Y.*	Φ Δ Θ House
Lyon, Harold Alpheus	*Brockton, Mass.*	Φ K Ψ House
McCague, Robert Andrew	*Omaha, Neb.*	X Ψ Lodge
Macdonald, Wilson	*Westfield, N. Y.*	K Θ House
McGowan, Robert Reed	*Steubenville, Ohio*	X Φ House
McTernan, Everett Francis	*Brooklyn, N. Y.*	Φ Γ Δ House
Mandrey, William Henry	*Mount Vernon, N. Y.*	15 Gaylord St.
Mansfield, Charles Frederick	*Monticello, Ill.*	15 South College
Manville, Arthur Jeremiah	*New Haven, Conn.*	Φ Γ Δ House
Many, Harold Chase	*Port Jefferson, N. Y.*	7 Parsons St.
Martin, Charles Daniel	*Northampton, Mass.*	
Miller, John Howard	*Pittsburgh, Pa.*	Δ K E House
Moulton, Robert Selden	*Poughkeepsie, N. Y.*	
	103 Morris Pratt Memorial Dormitory	
Muench, Charles Lawrence	*Arlington, Mass.*	Δ K E House
Newton, Francis Chandler	*Reading, Mass.*	Δ Υ House
*Nicholson, John Rutherford	*Springfield, Ill.*	
	406 Morris Pratt Memorial Dormitory	
Ostrander, John Edwin, Jr.	*Amherst, Mass.*	33 North Prospect St.
Packard, Sidney Raymond	*Brockton, Mass.*	3 Northampton Road
Person, Raymond Scott	*Holyoke, Mass.*	15 South Prospect St.
Phillips, John Milton	*New London, Conn.*	Gymnasium
Plimpton, Hollis Winslow	*Norwood, Mass.*	Δ K E House
Pratt, Richardson	*Brooklyn, N. Y.*	
	301 Morris Pratt Memorial Dormitory	
Price, Stuart Eugene	*Columbus, Ohio*	
	408 Morris Pratt Memorial Dormitory	
Ralston, Arthur Edward	*Poughkeepsie, N. Y.*	Α Δ Φ House
Rankin, William	*Newark, N. J.*	Φ Δ Θ House
Ripley, George Keyes	*Troy, N. H.*	
	202 Morris Pratt Memorial Dormitory	
Ritter, Henry App, Jr.	*Chicago, Ill.*	X Φ House
*Robinson, Richard Alexander, 3d	*Louisville, Ky.*	Α Δ Φ House
Roelofs, Howard Dykema	*Grand Rapids, Mich.*	
	208 Morris Pratt Memorial Dormitory	
Rollins, Dana Funk	*Bloomington, Ill.*	Β Θ Π House
Samworth, Robert Pawley	*Paterson, N. J.*	K Θ House
Seaman, William Leslie	*Brooklyn, N. Y.*	X Φ Annex
Seely, Charles Warner	*Brockport, N. Y.*	Β Θ Π House
Shumway, Conrad	*Brooklyn, N. Y.*	Σ Δ Ρ House

* Special student.

Smith, Homer Morgan	*Redding, Conn.*	Θ Δ X House
Smith, James Kellum	*Towanda, Pa.*	Whitredge Hall
Smith, James Nichols	*Hartford, Conn.*	Ψ Υ House
Smith, Lowell Ridgeway	*Winchester, Mass.*	Ψ Υ House
Snider, Joseph Lyons	*Uniontown, Pa.*	Φ K Ψ House
Swasey, Henry Cleveland	*South Berwick, Me.*	Φ K Ψ House
Thayer, William Greenough, Jr.	*Southboro, Mass.*	Ψ Υ House
Tomlinson, Jay Brinckerhoff	*Mount Holly, N. J.*	Φ K Ψ House
Van Valkenburg, Edward Alfred	*Greene, N. Y.*	408 Morris Pratt Memorial Dormitory
Wales, Horatio, Jr.	*Polo, Ill.*	Φ Γ Δ House
Warren, Webster Hamlin	*Falmouth, Mass.*	X Φ Annex
Washburn, Arthur Hoyt	*Boston, Mass.*	Δ Υ House
Weathers, Paul Dyess	*Ocala, Fla.*	Ψ Υ House
Webster, Leslie Tillotson	*Mount Vernon, N. Y.*	Λ Δ Φ House
Whiting, William, 2d	*Holyoke, Mass.*	3 Northampton Road
Whitmore, George Deming	*Holyoke, Mass.*	K Θ House
Whitten, Philip Francis	*Holyoke, Mass.*	Δ Υ House
Wroath, Leon Henry	*Auburn, N. Y.*	Θ Δ X House

Freshman Class

Ames, Charles Burton	*West Newton, Mass.*	26 South College
Anderson, Robert Jeffrey	*Clinton, Mass*	32 South College
Andrews, Edward Deming	*Pittsfield, Mass.*	17 South College
Andrews, Harold Volk	*Pittsfield, Mass.*	17 South College
Ashley, Thomas William	*Deerfield, Mass.*	11 Parsons Street
Avirett, William Goodwin	*Brooklyn, N. Y.*	205 Morris Pratt Memorial Dormitory
Baker, Walton Chamberlain	*Springfield, Mass.*	411 Morris Pratt Memorial Dormitory
Barnes, Henry Walter, Jr.	*Plymouth, Mass.*	28 South College
Bastine, Wilfred Stuart	*New York, N. Y.*	23 North College
Bixler, Julius Seelye	*New London, Conn.*	205 Morris Pratt Memorial Dormitory
*Blanchard, Dean	*Winchester, Mass.*	23 South College
Bonsack, Frederick Charles, Jr.	*St. Louis, Mo.*	23 North College
Bowers, William Albert	*Mansfield, Ohio*	307 Morris Pratt Memorial Dormitory
Boynton, Merrill Holmes	*Bristol, R I.*	4 North College
Brewton, Harold George	*Gloucester, Mass.*	21 North College
Bristol, Herbert Greene	*Glen Ridge, N. J.*	32 North College
Bryan, Walter Charles	*Brooklyn, N. Y.*	25 South College
Buchanan, Scott Milross	*Pittsfield, Mass.*	17 South College
Cady, Lowell	*Amherst, Mass.*	22 Sunset Avenue
Caldwell, Kenneth Furber	*Winchester, Mass.*	Φ K Ψ House
Chandler, Hazen Atherton	*Montpelier, Vt.*	15 Amity Street
Chapman, William Gilger	*Russell, Pa.*	8 South College
Charles, Glenn Edward	*Warsaw, N. Y.*	30 South College
Chell, Oscar L	*East Braintree, Mass.*	19 North College
Clark, Franklin Stetson	*North Amherst, Mass.*	North Pleasant Street
Conant, Hezekiah Nelson	*Pawtucket, R. I.*	Ψ Υ House

* Special student.

Dayton, Theodore Read	*Georgetown, Conn.*	3 Northampton Road
Dent, Francis Morse	*Washington, D. C.*	D North College
Douglas, Lewis Williams	*Douglas, Arizona*	205 Morris Pratt Memorial Dormitory
Dugan, Alfonso Gray, Jr.	*Hinsdale, Ill.*	401 Morris Pratt Memorial Dormitory
Edwards, Theodore Caldwell	*Brooklyn, N. Y.*	C North College
Esty, William Cole, 2d	*Worcester, Mass.*	16 South Pleasant St.
Fairhurst, Charles Joseph	*Paterson, N. J.*	32 North College
Ferguson, Eralsey Clark	*Brookline, Mass.*	8 South College
Fetterman, Alfred Del Roy	*Berwick, Pa.*	401 Morris Pratt Memorial Dormitory
Fisher, Donald George	*New Salem, Mass.*	11 South College
Gallup, Clarence Westcott	*Mt. Hermon, Mass.*	15 Amity Street
*Gatch, Hayward Hutchinson	*St. Louis, Mo.*	Ψ ϒ House
Gates, William, Jr.	*Pittsburgh, Pa.*	12 South College
Gillett, Robert Swift	*Hartford, Conn.*	6 Northampton Road
Gillies, Harold Lusk	*Nyack, N. Y.*	6 North College
Gilligan, James Tierney	*Holyoke, Mass.*	
Goodridge, Edwin Harrison	*Fitchburg, Mass.*	29 South College
Graham, Roland Boswell	*Bloomington, Ill.*	8 North College
Hardy, Donald Egbert	*Amherst, Mass.*	15 Lincoln Ave.
Heavens, Howard Joseph	*Plymouth, Mass.*	28 South College
Hitchcock, Charles Hanchett	*Chittenango, N. Y.*	6 South College
Hoffman, Amzi Fisher	*Califon, N. J.*	31 North College
Hughes, Percy Meredith, Jr.	*Syracuse, N. Y.*	9 North College
Jenkins, John Maxey	*Montrose, Pa.*	10 North College
Johnson, Herbert Gale	*Amherst, Mass.*	11 South Prospect St.
Judkins, Gilman LaVerne	*Barre, Mass.*	201 Morris Pratt Memorial Dormitory
Katz, Richard Jr.	*New York, N. Y.*	18 South College
Keeney, George Nelson	*New London, Conn.*	15 Spring St.
Kimball, Henry Maxwell	*Amherst, Mass.*	25 Woodside Ave.
Knapp, Lewis Mansfield	*Groton, Mass.*	21 Main Street
Knowlton, Wilbur Clark	*Kirkwood, Mo.*	28 North College
Lane, George Homer	*West Hartford, Conn.*	6 Northampton Road
Lee, Arthur Hurd	*Ellisville, Miss.*	108 Morris Pratt Memorial Dormitory

* Special student.

Leiper, Bartram Galbraith	*Blauvelt, N. Y.*	21 Main Street
Leonard, Wallace Minot	*Newton Highlands, Mass.*	26 South College
Lutkins, Edwin Henry	*Hackensack, N. J.*	2 South College
McCloy, John Snader	*Philadelphia, Pa.*	31 North College
McCrum, Douglas Stuart	*Oneonta, N. Y.*	15 North College
Mansfield. Ralph Leslie	*Fishkill, N. Y.*	Gymnasium
Marks, Alan David	*New York, N. Y.*	302 Morris Pratt Memorial Dormitory
Marshall, Donald Earle	*Amherst, Mass.*	4 Nutting Avenue
Meredeth, Lawrence Cornelius	*Jamestown, N. Y.*	15 Amity Street
Milne, Douglas Duncan	*Hartsdale, N. Y.*	16 North College
Munro, Thomas Boston	*Allendale, N. J.*	B South College
Murray, John Scott	*Auburn, N. Y.*	10 South College
Nash, Willard Owen	*Amherst, Mass.*	67 Pleasant Street
Neiley, Geoffrey Cook	*Winchester, Mass.*	1 South College
Noyes, Radcliffe Dana	*Montclair, N. J.*	25 North College
Osborn, Samuel Smith	*Redding Ridge, Conn.*	3 Northampton Road
Otte, Francis Robert	*Grand Rapids, Mich.*	10 South College
Park, Robert Hodges,	*Taunton, Mass.*	303 Morris Pratt Memorial Dormitory
Peck, Charles Baldwin Jr.	*Rochester, N. Y.*	12 North College
Proctor, Robert Matthews	*Corning, N. Y.*	27 South College
Quinn, Murray Joseph	*Holyoke, Mass.*	21 North College
Reber, John Uhrich	*Reading, Pa.*	12 North College
Redfield, Humphrey Fuller	*Brooklyn, N. Y.*	25 South College
*Rider, Stuart Williams	*Auburndale, Mass.*	21 South College
Sawyer, Edmund Ellis	*Hackensack, N. J.*	2 South College
Sawyer, Harold Edmund	*Pawtucket, R. I.*	4 North College
*Seamans, Elton Henry	*Springfield, Mass.*	411 Morris Pratt Memorial Dormitory
Seibert, Helmut	*New York, N. Y.*	102 Morris Pratt Memorial Dormitory
Shaw, Leo Nelson	*Auburn, N. Y.*	10 South College
Smith, Everitt Groff	*St. Louis, Mo.*	28 North College
Smith, Winthrop Hiram	*South Hadley Falls, Mass.*	16 North College
Stevenson, David	*Gilmanton, N. H.*	10 North College
Stiles, Wayne Peffers	*Amherst, Mass.*	

* Special student.

Stinson, Eugene	*Evansville, Ind.*	26 North College
*Twichell, Seth Ginery	*Fitchburg, Mass.*	29 South College
Ver Nooy, Lester Carlton	*Cortland, N. Y.*	307 Morris Pratt Memorial Dormitory
Washburn, Alfred Hamlin	*Boston, Mass.*	21 South College
Washburn, George Winslow	*Brockton, Mass.*	14 South College
Weeden, Charles Foster, Jr.	*Dorchester, Mass.*	211 Morris Pratt Memorial Dormitory
Whetstone, Lambert Frye	*Germantown, Pa.*	7 Parsons St.
White, Arthur Platt	*Corning, N. Y.*	26 North College
Wing, Luman Birch	*Brooklyn, N. Y.*	11 North College
Wood, Lee Blair	*Corry, Pa.*	4 Lessey Street
Young, Burbank Chase	*Rochester, N. Y.*	5 North College
Young, Laurence Henry	*Bloomington, Ill.*	8 North College
Young, Malcolm Oakman	*North Hanover, Mass.*	11 Parsons Street

*Special student

Summary

Fellows	4
Seniors	105
Juniors	88
Sophomores	117
Freshmen	112
Total	426

CLASSIFICATION BY RESIDENCE

United States	
Massachusetts	141
New York	118
New Jersey	32
Connecticut	20
Illinois	19
Pennsylvania	18
Ohio	11
Michigan	8
Missouri	6
Nebraska	5
Rhode Island	5
Vermont	5
Minnesota	4
Oregon	4
Wisconsin	4
Iowa	3
Maine	3
New Hampshire	3
California	2
Colorado	2
District of Columbia	2
Indiana	2
Arizona	1
Florida	1
Kentucky	1
Maryland	1
Mississippi	1
Washington	1
	423
Foreign Country	
Japan	3
	426

Award of Honors
1911–1912

COMMENCEMENT APPOINTMENTS

Thomas Wainwright Bussóm
Russell Lounsberry Davenport
Richard Georg Dick
Harold Lloyd Fraser
Reinhart Lang Gideon
Maurice Jacques Levy
*Arthur Bates Lyon
*Fred Benjamin Millett
*Leland Olds
Franklin Stuart Pease
Harry Haynes Peirce
*Howard Dodd Simpson
Charles Dawson Spalding
*Ordway Tead
Sargent Holbrook Wellman

PHI BETA KAPPA

FIRST DRAWING (Class of 1913)

Louis Goldsborough Caldwell
Paul Francis Good
George Daniel Olds, Jr.
George Scatchard

SECOND DRAWING (Class of 1912)

Thomas Wainwright Bussóm
Richard Georg Dick
Arthur Bates Lyon
Harry Haynes Peirce
Sargent Holbrook Wellman

* Selected by competition as Commencement Speakers.

FINAL HONORS

ECONOMICS

Isaac Spaulding Keeler

GERMAN

Richard Georg Dick

SPANISH

Maurice Jacques Levy

Award of Prizes
1911–1912

HUTCHINS GREEK PRIZE—Class of 1912

Harold Lloyd Fraser

BERTRAM LATIN PRIZES

Fred Benjamin Millett—Class of 1912
Harold Henry Plough—Class of 1913

JUNIOR LATIN PRIZE

Frederick Russell Pope—Class of 1913

BILLINGS LATIN PRIZES—Class of 1914

First Prize: John Tilney Carpenter
Second Prize: Frank Holliday Ferris

FRESHMAN LATIN PRIZES—Class of 1915

First Prize: Walter Raymond Agard
Second Prize: George Rolfe Humphries

KELLOGG PRIZES

Sydney Dakin Chamberlain—Class of 1914
Edward Alfred Van Valkenburg—Class of 1915

HARDY PRIZES—Class of 1912

Reinhart Long Gideon
Leland Olds
Wayland Hall Brown

HYDE PRIZE—Class of 1912

Ordway Tead

BOND PRIZE—Class of 1912

Leland Olds

ARTHUR CURTISS JAMES PRIZE—Class of 1912

Archibald Campbell

WALKER PRIZES

Second Year Mathematics

First Prize: Lowell Shumway—Class of 1914
Second Prize: John Eugene Lind—Class of 1915

First Year Mathematics

First Prize: George Leon Cutton—Class of 1915
Second Prize: Louis Franklin Eaton—Class of 1915

PORTER ASTRONOMY PRIZE—Class of 1912

Harry Haynes Peirce

PORTER PHYSICS PRIZE

John Hill Focht—Class of 1914

Second Year Physics Prize

Arthur Hayward Bond—Class of 1913

SAWYER MEDAL

Herschel Scott Konold—Class of 1913

A. LYMAN WILLISTON PRIZES

KENT PRIZE

Fred Cady Davis—Class of 1912

FOLGER PRIZES—Class of 1912

First Prize: Frederick Benjamin Millett
Second Prize: Albert Vogt Baumann
Third Prize: Edmund Browning

HAGEN PRIZE—Class of 1913

Frederick John Heinritz

CLASS OF 1884 PRIZE

The Senior Class (Class of 1912)

LELAND PRIZE

The Freshman Class (Class of 1915)

WOODS PRIZE—Class of 1912

James Joseph Quinn

CLASS OF 1884 PRIZE IN ORATORY

Frederick John Heinritz—Class of 1913

ARMSTRONG PRIZES—Class of 1915

First Prize: Walter Raymond Agard
Second Prize: Frederick John Heinritz
Third Prize: Howard Dykema Roelofs

PORTER ADMISSION PRIZE—Class of 1911

Homer Morgan Smith
(Prepared at The Sanford School, Redding Ridge, Conn.)

George Deming Whitmore
(Prepared at High School, Holyoke, Mass.)

ROGERS PRIZE—Class of 1913

John Locke Coates
Thomas Raymond Creede
Raymond Witherspoon Cross
John Eden Farwell
Herschel Scott Konold
Henry Sprague Loomis
Walter Weaver Moore
Alfred Newbery
Frank Palmer Stelling
Robert Irving Stout
Ralph Wells Westcott
William Harvey Whitney

Honorable Mention
1911–1912

BIBLICAL LITERATURE

1912 Arthur Bates Lyon

BIOLOGY

1915 Walter Raymond Agard

CHEMISTRY

1914 Ralph Alphonso Lawrence
1915 Louis Franklin Eaton
1915 Sydney Raymond Packard

ENGLISH

1912 Fred Cady Davis
1912 Leland Olds
1915 Walter Raymond Agard

FRENCH

1912 Maurice Jacques Levy
1913 Frederick Russell Pope
1914 Frank Clifford Finch
1914 Guy Harry Gundaker

GERMAN

1914 George Philip Landmann Gail
1914 Ralph Alphonso Lawrence
1914 George Verdi Morse

GREEK

1913 George Daniel Olds
1915 Walter Raymond Agard

HISTORY

1913 Frederick Russell Pope

LATIN

1913 George Remington Havens
1913 Frederick Russell Pope
1914 Mervin Washington Bliss
1914 John Tilney Carpenter
1915 Walter Raymond Agard

MATHEMATICS

1912 Leland Olds
1913 George Daniel Olds
1914 Frank Clifford Finch
1914 Ralph Alphonso Lawrence
1915 Frederick Crosby Allen
1915 Louis Franklin Eaton
1915 Hollis Winslow Plimpton
1912 Harry Haynes Peirce
1914 Mervin Washington Bliss
1914 George Philip Landmann Gail
1915 Walter Raymond Agard
1915 Kenneth Whittemore Banta
1915 Everett Webb Fuller
1915 James Kellum Smith

MODERN GOVERNMENT

1912 Raymond Davis Hunting
1912 Maurice Jacques Levy

PHILOSOPHY

1912 Leland Olds
1912 Ordway Tead

SPANISH

1912 Maurice Jacques Levy

Degrees Conferred in 1912

Degrees in Course

Bachelors of Arts

Magna Cum Laude

Maurice Jacques Levy
Arthur Bates Lyon
Fred Benjamin Millett
Leland Olds
Charles Dawson Spalding

Cum Laude

Howard Fletcher Burns
Thomas Wainwright Bussóm
Richard Georg Dick
Harold Lloyd Fraser
Reinhart Lang Gideon
Franklin Stuart Pease
Harry Haynes Peirce
Howard Dodd Simpson
Ordway Tead
Hunt Warner
Sargent Holbrook Wellman
Harold Bartlett Whiteman

Rite

Everett Colby Banfield
William Newton Barnum
Frederick Bushnell Barton
Albert Vogt Baumann, Jr.
Stanley Guard Bishop
William Woolley Bishop
Raymond Moreau Bristol
Roland Humphrey Brock
Edmund Brown, Jr.
Wilbur Farnham Burt
Herbert Houghton Clarke
Chester Clarence Crewes
Arthur Lorenzo Davis
Clarion Almado Davis
Fred Cady Davis
George Littleton Dawson
Lewis Arnold Eadie
Mac Vincent Edds
Harold Edward Fitts
Harlan Page Freeman
Ernest Gregory
Harris Losee Haight
Ralph Bardwell Heavens
Claude Harrison Hubbard
Benoni Price Hurst
Lloyd Jones
Harold Raymond Lary
Harold Canfield Lee
Patrick Henry Lucey
George Henry McBride

Frank Janvier McFarland
Henry Thomas Mesick
Daniel Nelson Miles
Spencer Miller, Jr.
William Baker Norris, Jr.
Henry Sage Ostrander
DeWitt Hoag Parsons
Charles Kingman Perkins
Reed Charles Peters
James Joseph Quinn, Jr.
George Mulford Randell
Benjamin Rathbun
Isidor Harvey Rothberg
Wayland Hall Sanford
Winfred Charles Sheldon
Charles Fitzgerald Sheridan
Stanley Carter Sherman
Beeman Pitcher Sibley
Glenn Lara Sigel
Harold Thomas South
Raymond William Steber
Eric Walter Stubbs
Irving Taylor Thornton
Joseph Henry Vernon
Willard Erastus Weatherby
Robert Welles
Lester Emerson Williams
Lawrence Wood

Edward Combs Robbins, B.A. as of the class of 1863

Bachelors of Science

Cum Laude

Russell Lounsberry Davenport
Isaac Spaulding Keeler

Rite

Howard Rogers Bacon
Claudius Francis Beatty
Carroll Reed Belden
Wayland Hoyt Brown
Archibald Brush Campbell
Chauncey Paul Carter
Allan Wylie Cook
Bartlett Ellis Cushing
Russell Bertram Hall
Raymond Davis Hunting
John Harrison Madden
Lester John Frederick Moller
Walter Stuart Orr
Alfred Burlingham Peacock
Merritt Corbett Stuart
George Ludington Treadwell
Philip Layton Turner
Edward Bartlett Vollmer

Master of Arts

Christian Alban Ruckmich B.A. (1909)

Honorary Degrees

MASTER OF SCIENCE

EDMUND ADDISON THOMPSON

DOCTOR OF DIVINITY

THOMAS FREDERICK DAVIES
FRANK JUDSON GOODRICH

DOCTOR OF LAWS

FRANCIS RICHMOND ALLEN
HENRY CABOT LODGE
GEORGE GILBERT AIMÉ MURRAY

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year.

LIST OF SUBJECTS

Biology		½ point
Botany		½ point
Chemistry		1 point
English	A	2 points
	B	1 point
French	A	2 points
	B	1 point
German	A	2 points
	B	1 point
Greek	A, B	2 points
	C, H, F	1 point
Harmony		1 point
History	A, B, C, D	1 point each
Latin	1	1 point
	2	1 point
	4	1 point
	5	1 point

Mathematics	A	1½ points
	A 1	1 point
	A 2	½ point
	C	1 point
	B, D, F	½ point each
Physics		1 point
Physiography		1 point
Physiology		½ point

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF ARTS COURSE

All candidates for admission to the course leading to the degree of Bachelor of Arts must present entrance credits amounting to fourteen points. The subjects presented must include Latin or Greek, English, Mathematics and History. The total requirement may be met in any one of the three ways described in the following groups.

Group 1

Latin 1, 2, 4, 5
Greek A, B, C, H, F
Mathematics A, C
English A and B
History A

In addition at least one-half point shall be made from the list on pages 42–43.

GROUP 2

Latin 1, 2, 4, 5 and Greek A, B
or
Greek A, B, C, H, F and Latin 1, 2, 4
Mathematics A and C
English A and B
History A

In addition at least one and one-half points shall be made from the list on pages 42–43.

GROUP 3

Latin 1, 2, 4, 5
or
Greek A, B, C, H, F
Mathematics A and C
English A and B
History A

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, shall be made from the list on pages 42–43. Two of these points shall be a modern language, and one point from French B, German B, and Mathematics B, D, F.

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects, according to the specifications given under each subject, amounting to fourteen points.

CORRECTION

For Mathematics B on page forty-five read Mathematics C on list of absolute requirements for admission to the Bachelor of Science Course.

become a candidate for the degree of Bachelor of Arts by completing two college years of Latin.

Beginning with the class entering in 1914 Latin 1, 2, 4, 5 or Greek A, B, C, H, F will be required of every candidate for a degree. The degree of Bachelor of Science will be discontinued after June, 1917, and no one will be accepted as a candidate for this degree after September, 1913.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:

Mathematics A and C
English A and B
History A or B or C or D
Chemistry or Physics

And one point from the following advanced subjects:

Mathematics B, D, F
French B
German B

And three and one-half points from the list on pages 42–43.

GROUP 3

Latin 1, 2, 4, 5
or
Greek A, B, C, H, F
Mathematics A and C
English A and B
History A

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, shall be made from the list on pages 42–43. Two of these points shall be a modern language, and one point from French B, German B, and Mathematics B, D, F.

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects, according to the specifications given under each subject, amounting to fourteen points.

Latin 1, 2, 4
Mathematics A and B
English A and B
History A or B or C or D
Chemistry or Physics
French A or German A

In addition at least one and one-half points shall be made from the list on pages 42–43 of which one point shall be from French B, German B, Mathematics B, D, F and Latin 5.

A student who presents Latin 1, 2, 4, 5 at entrance may become a candidate for the degree of Bachelor of Arts by completing two college years of Latin.

Beginning with the class entering in 1914 Latin 1, 2, 4, 5 or Greek A, B, C, H, F will be required of every candidate for a degree. The degree of Bachelor of Science will be discontinued after June, 1917, and no one will be accepted as a candidate for this degree after September, 1913.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:

Mathematics A and C
English A and B
History A or B or C or D
Chemistry or Physics

And one point from the following advanced subjects:

Mathematics B, D, F
French B
German B

And three and one-half points from the list on pages 42–43.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias;* Vergil, *Æneid*, I–VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations, Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics, Georgics*, and *Æneid*) and Ovid (*Metamorphoses, Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

GREEK

ELEMENTARY GREEK

A 1. Greek grammar

2. Greek composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis.*

B. Xenophon's *Anabasis,* Books I–IV.

ADVANCED GREEK

C. Homer's *Iliad,* Books I–III (omitting Book II 494–end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

MATHEMATICS

ELEMENTARY MATHEMATICS

A. Elementary algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations, the binomial theorem for positive integral exponents; the formulas for the *n*th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be

chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surface and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal

formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra, or plane trigonometry. In this latter statement the word certificate refers to a certificate given by a preparatory school and not to a certificate of examination by a Board.

ENGLISH

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years, The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise narration, description, easy

exposition, argument, and letter-writing, It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

A. READING.*—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1913, 1914:

With a view to a large freedom of choice, the books provided for reading are arranged in the following groups, from

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915–19. Amherst College accepts also the requirements recommended by the Conference for 1913–14, which will be found to be included in these lists. Substitutions in these lists may be accepted provided they are submitted to the Registrar on or before the first day of February preceding the examination.

each of which at least two selections are to be made, except as otherwise provided under Group I.

Group I. Classics in Translation.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; The Æneid.

(The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence).

For any selection from this group a selection from any other group may be substituted.

Group II. Shakespeare.—*Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet*.*

Group III. Prose Fiction.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield*; Frances Burney, *Evelina;* Scott's Novels, any *one;* Jane Austen's Novels, any *one;* Maria Edgeworth, *Castle Rackrent*, or *The Absentee;* Dickens' Novels, any *one;* Thackeray's Novels, any *one;* George Eliot's Novels, any *one;* Mrs. Gaskell, *Cranford;* Kingsley, *Westward Ho!* or *Hereward, the Wake.*

Group IV. Essays, Biography, etc.—Addison and Steele, The Sir Roger de Coverley Papers or Selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, Selections from the *Life of Johnson* (about 200 pages); Franklin, *Autobiography;* Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith;* Southey, *Life of Nelson;*

* If not chosen for study under B.

Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockhart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humorists;* Macaulay, Any *one* of the following essays *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d'Arblay;* Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast;* Lincoln, Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail;* Thoreau, *Walden;* Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table;* Stevenson, *An Inland Voyage and Travels with a Donkey;* Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses *on Improving Natural Knowledge, A Liberal Education* and *A Piece of Chalk;* A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

Group V. Poetry.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village;* Pope, *The Rape of the Lock;* a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens*, and a selection from later ballads; Coleridge, *The Ancient Mariner, Christabel*, and *Kubla Khan;* Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon;* Scott, *The Lady of the Lake* or *Marmion;* Macaulay,

The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry; Tennyson, *The Princess,* or *Gareth and Lynette, Lancelot and Elaine,* and *The Passing of Arthur;* Browning, *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus;* Arnold, *Sohrab and Rustum,* and *The Forsaken Merman;* Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. Study.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama.—Shakespeare, *Julius Cæsar, Macbeth, Hamlet.*

Group II. Poetry.—Milton, *L'Allegro, Il Penseroso,* and either *Comus* or *Lycidas;* Tennyson, *The Coming of Arthur, The Holy Grail,* and *The Passing of Arthur;* The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

Group III. Oratory.—Burke, *Speech on Conciliation with America;* Macaulay's *Speech on Copyright* and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

Group IV. Essays.—Carlyle, *Essay on Burns,* with a selection from Burn's Poems; Macaulay, *Life of Johnson;* Emerson, *Essay on Manners.*

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

The exination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (*a*) READING, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions

as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 96 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of por-

tions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;* Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tâche du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

B. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle-Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry, *Récits des Temps Mérovingiens;* Thiers,

L'Expédition de Bonaparte en Egypte; Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 85 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN.

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupil to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

HISTORY

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A.D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those in the examination of the College Entrance Examination Board.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less then forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts's *Physiology and Hygiene*, Eddy's *Text Book in General Physiology and Anatomy*.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended:

Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the Principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. Credits given for preliminary examinations are valid for fifteen months only. Candi-

dates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English B.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1913

In June, 1913, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 16–21, 1913.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 2, 1913; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 26, 1913; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 12, 1913.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of $5.00 in addition to the usual fee.

The examination fee is $5.00 for all candidates examined

at points in the United States and Canada and $15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1913, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Thursday, Friday, Saturday, Monday, Tuesday, and Wednesday, September, 11–17, 1913.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

FIRST DAY

8.30–10.30 A.M.	Latin 4	2.00–4.00 P.M.	Latin 5
10.45 A.M.–12.30 P.M.	Latin 2	4.15–6.00 P.M.	French B

SECOND DAY

8.30–10.30 A.M.	Mathematics C	4.15–6.00 P.M.	History A
10.45 A.M.–12.30 P.M.	Mathematics D		History C
2.00–4.00 P.M.	German A		

THIRD DAY

8.30–10.30 A.M.	Physics	2.00–4.00 P.M.	French A
10.45 A.M.–12.30 P.M.	Latin 1	4.15–6.00 P.M.	German B

FOURTH DAY

8.30–10.30 A.M.	Mathematics A. 1	4.15–6.00 P.M.	History B
10.45 A.M.–12.30 P.M.	Mathematics A. 2		History D
2.00–4.00 P.M.	Botany		
	Zoölogy		

FIFTH DAY

8.30–10.30 A.M.	English A	4.15–6.00 P.M.	Greek B
10.45 A.M.–12.30 P.M.	Chemistry		Mathematics B
2.00–4.00 P.M.	English B		

SIXTH DAY

8.30–10.30 A.M.	Greek C	2.00–4.00 P.M.	Mathematics F
	Greek H	4.15–6.00 P.M.	Greek F
10.45 A.M.–12.30 P.M.	Greek A		Music A

For Porter Admission Prize see page 126.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled

out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has been not pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate is accepted for work in French, German, solid geometry, advanced algebra and plane trigonometry, on which examinations must be taken. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Certificate privilege.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are

accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on pages 48–50.

CONDITIONS

No student is allowed to remain in College over two years with an entrance condition.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements.

1. He must present a catalogue and an official certificate showing:
   Honorable dismissal.
   Subjects accepted for admission to the college from which he came.
   Transcript of his college record including grade of his scholarship.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank.
3. Candidates will be accepted only at the beginning of the year.
4. Credit is allowed only for work equivalent to courses in Amherst College.
5. If a candidate has any conditions, entrance or otherwise, credits will be carried back to cancel these delinquencies.
6. The applicant must indicate at the time of his admission all his claims for credit. Except by special action of the

Faculty, no claim not so presented will be considered unless the work on which the claim is based has been completed subsequently.

7. Any claim considered by the Registrar as insufficiently certified will be referred by him to the appropriate department for examination.

8. Provisional credit for courses completed will be given by the Registrar at the time of the applicant's admission to college but this credit will not be considered as final nor will the candidate be given final enrollment until he has successfully completed at least one semester's work in Amherst College.

9. All applications for admission to advanced standing should be made to the Registrar of the College and appropriate blanks will be furnished by him.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Credit for studies presented in preparatory schools corresponding to college courses may be obtained by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Registrar of the College.

6. Credit thus obtained may be used:

1. In anticipation of required courses.
2. To count toward graduation in less than four years. (See page 117.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, B, which are four-hour courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester. No student is allowed to take more than six courses in a semester. The course in Debates (Public Speaking), which is a one-hour course, may be reckoned as one of the five courses of the first semester of Senior year. For courses open to the several classes, see page 74.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission Latin 1, 2, 4 and 5 and Greek A, B, C, H, and F are required to study both those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives, as directed by the plan on page 71.

Those who present for admission only one ancient language, Latin 1, 2, 4 and 5 or Greek A, B, C, H and F are required to study that language the first year and also a

modern language, together with one other study from the list of Freshman electives, as directed by the plan on page 71.

Candidates for the degree of B. S. who are not credited with Latin 5 or Greek C, H, F are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives, as directed by the plan on page 71; but those who have presented Latin 1, 2, 4, 5 may become candidates for the degree of B. A. by completing the Latin of Freshman and Sophomore years, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed Latin 1, 2, 4 and 5.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

Biology 1–2	Greek A, B
Chemistry 1–2	Italian 1–2
Physics 1–2*	Mathematics 11–12, or 14
French 1–2, 3–4, 5–6	Spanish 1–2
German 1–2, 3–4, 5–6	

Those who have Freshman Greek may choose Greek 2 or 4 the second semester, and are allowed until the end of the first semester to make their choice.

STUDIES OF SOPHOMORE, JUNIOR AND SENIOR YEARS

After Freshman year all courses are chosen in accordance with the plan printed on page 71, except that declamation in Sophomore year is required. Choices are made for the year and may be changed only by permission of the Admin-

*Physics 1–2 is open only to those freshmen who have credit for Mathematics D and F, and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

istration Committee. No change of elective will be allowed later than the second week of the first semester.

Choice of electives for the following year must be made on or before the second Saturday in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. When a change of electives is made a fee of two dollars is imposed which must be paid when the petition is filed.

RULES FOR ELECTING STUDIES

Elections are to be made in accordance with the plan printed below. On account of the prescribed studies in Sophomore year and the requirement of three majors and one minor during the course, a careful study should be made of the requirements printed on pages 71–74. Attention is particularly directed to the requirement that one or two courses of the Freshman year shall be pursued as majors during the Sophomore and Junior years.

The card of elections must be approved and signed by a member of the Instruction Committee before it is handed in.

FRESHMAN YEAR

Group I	B. A. Groups II and III	B. S.
1. Mathematics	Mathematics	Mathematics
2. English	English	English
3. Latin	Ancient Language	German
4. Greek	Modern Language or Greek C	Romance Language
5. Biology or Chemistry or Physics*	Biology or Chemistry or Physics* or French, German, or Greek A, B†	Biology or Chemistry or Physics*

* Physics 1–2 is open only to those freshmen who have credit for Solid Geometry and Trigonometry, and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

† Students who enter under Groups II and III and elect a modern language or Greek A, B as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

SOPHOMORE YEAR

B. A.	B. S.
1. Ancient Language	1. Modern Language
2. Modern Language	2. Physics
3, 4. Two Subjects from English, History and Group A*	3. English
	4. History or Group A
5. Elective	5. Elective

JUNIOR YEAR

1. Major 1†
2. Major 2
3. Major 3
4. Group B‡
5. Elective

SENIOR YEAR

1. Major 2 (or Elective in case Major 2 has been completed at the end of Junior year)
2. Major 3
3. Minor
4. Elective
5. Elective

REGULATIONS

I. Candidates for the degree of B. A., beginning with the class entering in 1911, must complete two years of science in the following group: Biology, Chemistry, Physics.

II. Candidates for the degree of B. S. must complete second year German; second year French, Italian, or Spanish;

*Group A includes Biology, Chemistry, Physics, Mathematics.

†A major is a subject studied six consecutive semester coures; a minor, a subject studied four consecutive semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 1 or 2 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a minor.

‡Group B includes Group A, Geology, Philosophy, and Economics.

Sophomore English; Physics 1, 2 in Sophomore year; and ten courses which are to be chosen from Sciences, Mathematics, or Economics, though not more than two courses in Economics may be so reckoned among the ten courses. Sciences taken in Freshman year are included in the ten courses, but the Freshman courses in Mathematics are not so included.

III. No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in VI, VII, and VIII.

IV. Not more than two courses may be taken simultaneously in one subject or under one instructor to count toward a degree.

V. No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

VI. Modern Government 2 preceded by Public Speaking 5 in the first semester of Junior year may be counted as a year course, which with Modern Government 3, 4 may constitute a minor.

VII. Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

VIII. Astronomy 2 or 4 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Senior year, may be counted as a year course, which with Astronomy 1, 2 or 1, 4 may constitute a minor.

IX. Beginning with the class entering in 1911 a reading knowledge of German and a Romance language (French, Italian or Spanish) is required for a degree, with the excep-

tion that in the case of those entering with Greek, a reading of German or a Romance language is required for a degree.

Beginning with the class which enters in 1912, in the case of those who enter with Greek A, B, C, H, F and Latin 1, 2, 4, 5, and complete both ancient languages Freshman year; or of those who enter with Latin 1, 2, 4, 5 and complete Greek A, B, C, and in addition take at least one year of Greek in college, a reading knowledge of either German or a Romance language is required for a degree.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

LIST OF ELECTIVES

Sophomores, Juniors and Seniors elect five courses each semester.

	Sophomore Year	Junior Year	Senior Year
Art	.....	1, 2	.....
Astronomy	.....	1, 2	4
Biblical Literature	.....	1, 2	3, 4
Biology	3, 4, 5, 6, 7, 8	9, 10	11, 12
Chemistry	1 to 4	5, 6	7 to 10
Economics	.....	1, 2, 8, 10	3, 4, 5, 11, 12
English	5, 6	7 to 16, 23, 24	17 to 22
French	1 to 8	9, 10	.....
Geology	.....	1, 2	3 to 8
German	1 to 10	.....	11, 12
Greek	A, 1 to 4, 10	5 to 10	11, 13
History	1, 2	3 to 10	11, 12
Italian	1, 2	3 to 6	.....
Latin	1 to 4	5 to 8	12
Mathematics	3, 4, 11, 12	5, 6	7 to 10
Modern Government	.....	2	3, 4
Music	1, 2	3, 4	5, 6
Philosophy	.....	1, 2, 4	5 to 8
Physics	1, 2	3 to 6	7, 8
Public Speaking	.....	5	7
Spanish	1, 2	3 to 6 and any preceding course	..... and any preceding course

REPORTS OF STANDING

Rank in each subject is reported as follows:

A, 90–100 per cent; B, 80–89 per cent; C, 70–79 per cent; D, 60–69 per cent; E, 50–59 per cent; F, below 50 per cent. The passing grade in all departments is 60 per cent.

STUDIES OF SPECIAL STUDENTS

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

EXTRA COURSES

A student who has an average of not less than 75 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not

permitted to take an extra course in the following semester, unless exception is made by the Administration Committee. A student who, by reason of failing in one course the first semester, takes only four courses the second semester, may, if he maintains a standing of 75 in those courses, take six courses the following year.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department, and this credit shall count as a regular course in the fourth semester in which it is taken.

ART

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

Mon., Wed., Fri., 11.30, Williston 3, Professor Smith.

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Mon., Wed., Fri., 11.30, Williston 3, Professor Baxter.

ASTRONOMY AND NAVIGATION

1. General and descriptive astronomy; Todd's *New Astronomy;* lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy*, (Watson); observatory work with equatorial, transit, and spectroscope. The course includes the theory of the construction, adjustment and use, of the instruments of the observatory. Each student makes observations, and completely calculates or reduces them. The course includes also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(Mathematics 1, 2, 4, 5, and Astronomy 1 requisite.)
Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics, 1, 2, and Astronomy 1 requisite.)
Mon., Wed., 9.30, Fri., 3, Appleton 1, Professor Todd.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. The formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

Tu., Sat., 9.30, Thu., 3, Walker 7, Professor Genung.

2. Prophecy and other literature to the Chaldean exile; the stress of prophecy.

Tu., Sat., 9.30, Thu., 3, Walker 7, Professor Genung.
Courses 1, 2 omitted 1912–1913.

3. Post-exilic literature; coming of the Son of Man, and characteristics of his word and work.

Tu., Sat., 9.30, Thu., 3, Walker 7, Professor Genung.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

Tu., Sat., 9.30, Thu., 8, Walker 7, Professor Genung.

BIOLOGY

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, Professor Tyler.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, Professor Tyler.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. Professors Tyler and Loomis.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Tyler.

B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory Professor Tyler.

4. Evolution and distribution of the vertebrates.

(Biology 3 requisite.)

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Loomis.

B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, Professor Loomis.

5, 6. General structural, physiological, and economic botany of the flowering plants. Laboratory and field work two hours a week.

Tu., Thu., Sat., 11.30, Appleton 3, Professor Goodale.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by

means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Tu., Thur., Sat., 11.30, Appleton 3, PROFESSOR GOODALE.
Omitted in 1912–1913.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.

10. Human Physiology.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR PHILLIPS.

11. Biological problems.

(Biology 4 requisite) Thu., Fri., 8.35, Tu., 2, Biological Laboratory, PROFESSOR LOOMIS.

12. Anthropology.

(Biology 4 requisite) Thu., Fri., 8.35, Tu., 2, Biological Laboratory, PROFESSOR TYLER.

14. Bacteriology.

Biology 4, and some organic chemistry requisite Hours assigned by instructor, PROFESSOR LOOMIS.

CHEMISTRY

1. General chemistry; the non-metallic elements and their compounds; three hours class-room work and two hours laboratory work each week.

Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS, DOUGHTY, and HOWARD.

2. General Chemistry; the metallic elements and their compounds; three hours class-room work and two hours laboratory work each week.

Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS, DOUGHTY, and HOWARD.

3. Inorganic chemistry; with especial emphasis on the topics ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry. Two hour class-room work and three hours of laboratory work each week.

(Chemistry 1, and 2 requisite.)
Tu., 2, Thu., Fri., 9.30, Chemical Laboratory, Professor Howard.

4. Qualitative analysis; reactions and detections of the common metallic and acidic ions. Two hours of class-room work and three hours laboratory each week.

(Chemistry 1, 2, and 3 requisite.)
Tu., 2–5, Thu., Fri., 9.30, Chemical Laboratory, Professor Doughty.

5, 6. Quantative analysis; chiefly laboratory work in gravimetric and volumetric analysis. Six hours laboratory work each week.

(Chemistry 1, 2, 3, and 4 requisite.)
Mon., 2–4, Wed., Thu., 10.30–12.20, Chemical Laboratory, Professor Howard.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds. Three hours class-room work and three laboratory each week.

(Chemistry 1, 2, 3, and 4 requisite.)
Mon., 2–4, Wed., Thu., 10.30, Chemical Laboratory, Professor Doughty.

ECONOMICS

1, 2. Outline of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 3 and 5, Professors Crook and Clark.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, Professor Crook.

5. Money and banking problems of the United States.

(Economics 1 and 2 requisite.)
Tu., Sat., 10.30, Wed., 3, Chapel 3, Professor Clark.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 15, Professor Crook.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)
Tu., Sat., 10.30, Wed., 3, Chapel 3, Professor Clark.

The Department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

ENGLISH

1. Composition; exposition; themes and conferences; reading in standard authors.

2. Continuation of 1; description and narration.

A. Mon., Wed., Fri., 11.30, Williston 1, Professor Utter.
B. Tu., Sat., 9.30, Thu., 3, Walker 8, Professor Andrews.
C. Mon., Wed., 9.30, Fri., 3, Walker 8, Professor Andrews.
D. Mon., Wed., 9.30, Fri., 3, Williston 1, Professor Andrews.
F. Mon., Wed., Fri., 11.30, Walker 8, Professor Andrews.
Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the Nineteenth Century.

A. Tu., Sat., 10.30, Wed., 3, Professor Utter.
B. Tu., Sat., 10.30, Wed., 3, Walker 8, Professor Hamilton.
C. Mon., Fri., 10.30, Wed., 2, Williston 1, Professor Hamilton.
D. Tu., Sat., 10.30, Wed., 3, Art Room, Professor Hamilton.

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker 7, Professor Genung.

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Wed., 8.35, Fri., 2, Walker 7, Professor Churchill.
(Omitted in 1912–1913.)

10. The English drama; rise and development; the predecessors of Shakespeare; Shakespeare.

Mon., Wed., 8.35, Fri., 2, Walker 7, Professor Churchill.
(Omitted in 1912–1913.)

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

Mon., and Wed., 8.35, Fri., 2, Walker 7, Professor Churchill.

13, 14. The English Novel; its form and development.

Mon., Wed., 8.35, Fri., 2, Williston 1, Professor Utter.

15. Elizabethan Literature, 1557–1604; study of lyric and dramatic poetry; early English prose.

Mon., Wed., 8.35, Fri., 2, Williston 1, Professor Hamilton.
(Omitted in 1912–1913.)

16. English Literature of the Seventeenth Century; study of the English epic; the early novel; the development of modern prose.

Mon., Wed., 8.35, Fri., 2, Williston 1, Professor Hamilton.
(Omitted in 1912–1913.)

17, 18. Advanced composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., Sat., 9.30, Thu., 3, Williston 1, Professor Utter.

19, 20. Critical study of English poets; Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)
Thu., Fri., 9.30, Tu., 3, Walker 13, PROFESSOR CHURCHILL.

21. Old English (Anglo Saxon). Cook-Siever's *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of Old English.

(Omitted in 1912–1913.) PROFESSOR CHURCHILL.

22. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales;* lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer.*

Wed., Thu., 10.30, Mon., 2, Walker 13, PROFESSOR CHURCHILL.
(Omitted in 1912–1913.)

23. Old English Literature. This course is given in alternate years with the linguistic course, 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR CHURCHILL.

24. Middle English Literature. This course is given alternate years with 22. Special attention is paid to Middle English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR CHURCHILL.

GEOLOGY

1. Structural and dynamical geology and physiography. Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.

2. Historical geology, paleontology. For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.

3. Field and laboratory geology; two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.

(Geology 1 and 2 requisite.)
Tu., Thu., Sat., 11.30, Geological Laboratory, PROFESSOR EMERSON.

4. Mineralogy continued until the weather allows field work, then a survey of an area of massive or crystalline rocks. Two full afternoons a week.

(Geology 1 and 2 requisite.)
Tu., Thu., Sat., 11.30, Geological Laboratory, PROFESSOR EMERSON.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)
Mon., Wed., 8.35, Fri., 2, Geological Laboratory, PROFESSOR EMERSON.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)
Mon., Wed., 8.35, Fri., 2, Geological Laboratory.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)
Tu., Sat., 8.35, Thu., 3, Geological Laboratory, PROFESSOR EMERSON.
(Laboratory hours in courses 3 to 8 are arranged with the teacher.)

GERMAN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.

2. Continuation of 1; composition, syntax, translation from prose selections.

A. Mon., Fri., 10.30., Wed., 2. Barrett 3, Professor Eastman.
B. Tu., 2, Thu., Fri., 8.35, Barrett 4, Professor Manthey-Zorn.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller and Goethe: a representative work of each author; composition and free reproduction.

A. Mon., Fri., 10.30, Wed., 2, Barrett 4, Professor Manthey-Zorn.
B. Tu., 2, Thu., Sat., 8.35, Barrett 3, Professor Eastman.

5a. Goethe's dramas; lectures and essays.

Tu., 3, Thu., Fri., 9.30, Barrett 3, Professor Eastman.

5b. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, Professor Manthey-Zorn
Course 5a is given in alternate years with 5b.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

Tu., 3, Thu., Fri., 9.30, Barrett 3, Professor Eastman.
Tu., Sat., 9.30, Thu., 3, Barrett 4, Professor Manthey-Zorn.

7, 8. The German novel of the 19th century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, Professor Manthey-Zorn. (Omitted in 1912–1913.)

9, 10. Modern German drama.

Tu., Sat., 8.35, Thu., 2, Barrett 4, Professor Manthey-Zorn.
Courses 7, 8 are given alternate years with courses 9, 10.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

Tu., Thu., Sat., 11.30, Barrett 1, Professor Eastman.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.
Tu., Thu., Sat., 11.30, Barrett 1, Professor Eastman.

GREEK

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Sat., 8.35, Chapel 1, Professor Elwell.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Tu., 3, Thu., Fri., 9.35, Chapel 1, Professor Elwell.
Greek A, B and C are given to three or more students on application. To obtain credit for a year course, those who complete Greek C should take Greek 2.

1. Homer, *Odyssey.*

2. Plato, *Apology* and *Crito.*

Mon., Wed., Fri., 11.30, Chapel 1, Professor Elwell.

3. Greek drama. Sophocles, *Antigone;* Euripides, *Alcestis;* lectures on the development of tragedy and the theatre; study of other selective dramas in an English translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Elwell.

4. Selections from Plato and Aristotle.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.

5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology.

Mon., Wed., Fri., 11.30, Williston 3, Professor Smith.

6. Lucian; selections; the Greek romance.

Mon., Wed., Fri., 11.30, Williston 4, Professor Smith.

7. Epic poetry; Homer, *Iliad,* rapid reading; Apollonius Rhodius, *Argonautica* III: lectures and reports.

8. Aristophanes, *Birds*, with lectures on the development of comedy; Aeschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation.

Courses 5, 6 are given alternate years with 7, 8.

9. The Greek historians: Herodotus, Thucydides.

Mon., Wed., 9.30, Fri., 3, Chapel 1, Professor Elwell.

10. The New Testament; the Acts of the Apostles.

Mon., Wed., 9.30, Fri., 3, Chapel 1, Professor Elwell.

11. Greek prose composition, with study of other topics of interest to students intending to teach classics.

A half course, one and one-half hours a week, open with permission of the instructor to Seniors and specially qualified Juniors. Greek 11 and Latin 12 taken together receive credit as a semester course, and with a semester of Latin or Greek may be counted as a year's course.

13. Greek literature; Plato and Aristotle; lectures; study of selected works in an English translation, with reports on special topics.

Knowledge of the Greek language is not required. Open to Seniors only. Tu., 3, Thu., Fri., 9.30, Williston 3, Professor Smith.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 14, Professor F. L. Thompson.

2. The later Middle Ages; the development of Nationalities; the Culture and State of the Middle Ages; the Italian Cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 14, Professor F. L. Thompson.

3. English history, 1066–1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.

5. American history, 1492–1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Mon., Wed., 9.30, Fri., 3, Walker 13, Professor Gallinger.

6. American history 1750–1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Mon., Wed., 9.30, Fri., 3, Walker 13, Professor Gallinger.

9. European history from the Peace of Westphalia to the beginning of the French Revolution 1648–1789.

Tu., Sat., 10.30, Wed., 3, Walker 14, Professor F. L. Thompson.

10. European history, 1789–1870.

Tu., Sat., 10.30, Wed., 3, Walker 14, Professor F. L. Thompson.

11. Political and constitutional history of the United States to the election of Jackson, 1783–1828.

Tu., 2, Thu., Fri, 8.35, Walker 14, Professor F. L. Thompson.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri, 8.35, Walker 14, Professor F. L. Thompson.

HYGIENE AND PHYSICAL EDUCATION

1, 2. Personal Hygiene, lectures on fundamental laws affecting health. Physical Exercise, in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Tu., Thu., Sat., 11.30, Gymnasium.
Freshmen unable to swim are required to take (B).

3, 4. Physical exercises in the form of (A) Gymnastics and Military Evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).

Mon., Wed., Fri., 11.30, Gymnasium.

5, 6. Physical exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

Tu., Thu., Fri., 4, Gymnasium.

The courses are for the first and second terms of the years.

LATIN

1. Cicero, *De Senectute* or *De Amicitia:* Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes:* Ovid, *Metamorphoses.*

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, Professor Houghton.

B. Mon., Wed., Fri., 11.30, Chapel 2, Professor Houghton.

C. Mon., Wed., 9.30, Fri., 3, Chapel 6, Dr. Bennett.

D. Tu., Sat., 8.35, Thu., 2, Chapel 6, Dr. Bennett.

E. Mon., 2, Wed., Thu., 10.30, Chapel 2, Professor Houghton.

F. Mon., 2, Wed., Thu., 10.30, Chapel 6. Dr. Bennett.

3. Plautus, *Trinummus;* Terence, *Adelphoe*, with lectures on the Roman theater, the origin and development of the Latin drama, and its influence on later writers, Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania.* Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

Tu., Sat., 8.35, Thu., 2, Williston 4, Professor Cowles.

Tu., Sat., 9.30, Thu., 3, Williston 4, Chapel 6, Dr. Bennett.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

Tu., 3, Thu., Fri., 9.30, Williston 4, Professor Cowles.

6. Tacitus, *Annales* and *Historiae*. Epigram: Martial.

Tu., 3, Thu., Fri., 9.30, Chapel 2, Professor Houghton.

7. Lucretius, *De Rerum Natura*. Elegy: Tibullus and Propertius.

Tu., 3, Thu., Fri, 9.30, Chapel 2, Professor Houghton.

8. Apuleius, *Cupid and Psyche;* Metamorphoses; Vergil, *Aeneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature.

Tu., 3, Thu., Fri., 9.30, Williston 4, Professor Cowles.
Courses 5, 6, 7, and 8 are open to Juniors and Seniors.

12. Latin Prose Composition, with the study of other topics of interest to students intending to teach the classics. A half course, one and one half hours a week, open with the permission to the instructor of Seniors and specially qualified Juniors. Latin 12 and Greek 11 together count as a semester course, and with a semester of Latin or Greek may be counted as a year course.

Hour assigned by instructor, Professor Cowles.

MATHEMATICS

1. Solid and spherical geometry; plane trigonometry.

2. Trigonometry continued; advanced algebra, including an introduction to the simplest methods of analytical geometry and calculus.

A. Mon., Tu., Sat., 9.30, Thu,, 3, Walker 2, Professor Esty.
B. Mon., Tu., Sat., 8.35, Thu., 2, Walker 5, Professor Olds.
C. Mon., Tu., Sat., 10.30, Wed., 3, Walker 5, Professor Cobb.
D. Mon., Tu., Sat,, 8.35, Thu., 2, Walker 5, Professor Cobb.
E. Mon., Tu., Sat., 10.30, Wed., 3, Walker 2, Professor Parker.

3. Plane analytical geometry.

A. Mon., Wed., Fri., 11.30, Walker 2, Professor Esty.

B. Tu., Thu., Sat., 11.30, Walker 5, Professor Cobb.

4. Differential and integral calculus.

A. Mon., Wed., Fri., 11.30, Walker 5, Professor Olds.

B. Tu., Thu., Sat., 11.30, Walker 2, Professor Cobb.

5. Calculus continued, and introduction to analytical geometry of three dimensions.

Mon., Wed,, 8.35, Fri., 2, Walker 2, Professor Olds.

6. Analytical mechanics; vector methods introduced.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.

7. Differential equations, ordinary and partial, with their applications; vector methods continued.

Mon., Wed., 9.30, Fri., 3, Walker 2, Professor Esty.

8. Advanced analytical geometry and advanced integral calculus.

(Omitted 1912–1913.) Professor Olds.

10. Introduction to the theory of functions.

Mon., Wed., 9.30, Fri., 3, Walker 2, Professor Olds.

Course 10 is given alternate years with course 8.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of Descriptive Geometry, Drawing and Lettering.

(Solid Geometry requisite.)

Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.

12. Advanced Descriptive Geometry.

(11 requisite.)

Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.

13. Descriptive Geometry of Warped Surfaces.

(11, 12 requisite.)

Thu., Fri., 9.30, Tu., 3, Walker 11, Professor Parker.

14. Mechanical Drawing.

(11 requisite,)

Thur. Fri., 9.30, Tu., 3 Walker 11, Professor Parker.

MODERN GOVERNMENT AND INTERNATIONAL LAW

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and circumstances; governments as single or federal, as monarchic, aristocratic, or democratic, as constitutional or arbitrary.

Tu., Sat., 8.35, Thu., 2, Walker 12, PROFESSOR GROSVENOR.

3. Existing governments, national, municipal, and local, in the states of Europe and America and in Japan, China, India and Australia.

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(Course 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of people is investigated to ascertain the influence of such condition upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*, Wilson's *The State*. Lawrence's *International Law*.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GROSVENOR.

MUSIC

1, 2. Theory of Music. Harmony. Form in Music.

Mon., Fri., 10.30, Wed., 2, Music Room, PROFESSOR BIGELOW.

3, 4. Harmony. Counterpoint. Study of Masterpieces. Aesthetic.

Tu., Sat., 10.30, Wed., 3, Music Room, PROFESSOR BIGELOW.

(1, 2 requisite.)

5, 6. The Music Dramas of Richard Wagner: *Der Ring des Nibelungen*, *Die Meistersinger*, etc., as time may permit.

Tu., Thu., Sat., 11.30, Music Room, Professor Bigelow.

Pianos and a large aeolian orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Two rehearsals, amounting to an average of three hours a week, the same number of absences being allowed as in any other course. Students from all classes not electing the courses outlined above, may, if qualified, become members of the orchestra or chorus and receive credit as follows; four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a major or a minor subject.

Special registration at the Registrar's office is required for chorus and orchestra.

PHILOSOPHY

1. Psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Fri., 10.30, Wed., 2, Walker 10, Professor Toll.

2. Advanced psychology.

A detailed study of some of the problems and theories of modern psychology.

Tu., Sat., 9.30, Thu., 3, Walker 10, Professor Toll.

7. History of ancient philosophy.

Lectures. readings, and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Toll.

8. History of modern philosophy.

Lectures, readings, and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Toll.

10. Logic.

Tu., Sat., 8.35, Thu., 2, President Meiklejohn.

PHYSICS

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, PROFESSOR KIMBALL, J. O. THOMPSON and WESTHAFER.

3. Electricity and magnetism, with special emphasis on methods and principles of measurement.

(1, 2 requisite, Mathematics 3, 4 desirable.)

Physics 3 may be followed by 8 instead of 4, in case of advanced students in chemistry who have taken Mathematics, 3, 4.

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

(Mathematics 3, 4 desirable.)

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON and WESTHAFER.

The courses below are open to those who have taken 3, 4. They need not be taken in the order indicated; 5, 7, or 9, may be combined with 6, 8, or 10.

5. Double refraction; electromagnetic theory of light and electric waves; electric discharge through gases; radioactivity.

(Mathematics 3 and 4 requisite.)

6. Dynamo-electric machinery, and theory of alternating currents of electricity.

(Mathematics 3 and 4 desirable.)

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON and WESTHAFER.

7. Electric waves.

(Mathematics 3, 4 requisite.)

8. Thermodynamics applied to problems in physical chemistry.

(Mathematics 3, 4 requisite.)

Mon., Wed., 8.35, Fri., 2, Physical Laboratory, Professors KIMBALL, J. O. THOMPSON and WESTHAFER.

9, 10. Advanced laboratory work. Selected experiments. (Six hours per week in the laboratory.)

PUBLIC SPEAKING

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

Mon., 2, 3, 4, 5, Chapel 7, PROFESSOR CORSA.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

Mon., 2, 3, 4, 5, PROFESSOR CORSA.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

Tu., Sat., 8.35; Thu., 2, Chapel 7, PROFESSOR CORSA.

7. Debates on social, economic, historical, and political questions.

Tu., Thu., Fri, 4, Chapel 7, PROFESSOR CORSA.

This is a one-hour course continuing till the end of the first semester. Any elective course may be taken in place of debates the first semester of Senior year, with credit for a one-hour course. All students electing course 7 who have not previously taken course 5 must enter the course on or before October 1.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation.

A, B, Tu., 2, Thu., Fri., 8.35, Barrett.
C, D, Mon., 2, Wed., Thu., 10.30, Barrett.
Professors Lancaster, Baxter, Galpin and Stowell.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation.

A, B. Tu., 3, Thu., Fri, 9.30.
C, D, Tu., Sat., 8.35, Thu., 2, Professors Lancaster, Baxter, Galpin and Stowell.

5, 6. French Classics: Tragedy, Comedy, Lyric and Epic poetry.

A. Tu., Sat., 9.30, Thu., 3, Barrett 8, Professor Lancaster.
B, Tu., Sat., 10.30, Wed., 3, Barrett 8, Professor Lancaster.

7, 8. The Novel, from Rabelais to Zola.

(5 and 6 requisite.)
Tu., 2, Thu., Fri., 8.35, Barrett 7, Professor Galpin.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.) Professor Lancaster.

10. The Contemporary Novel.

(9 requisite.)
Tu., Thu., Sat., 11.30, Barrett 7, Professor Stowell.

11, 12. Old French.

Given on application of three or more students who have completed 9, 10.
Professors Lancaster, Galpin, and Stowell.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

Tu., Sat., 9.30, Thu., 3, Barrett 6, Professor Baxter.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Tu., Thu., Sat., 11.30, Barrett 6, Professor Baxter.

5, 6. Dante, *Vita Nuova, Divina Commedia* (Scartazzini); lectures on Dante.

Tu., Thu., Sat., 11.30, Barrett 6, Professor Baxter.
(Omitted, 1912–1913.)

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1 and 2 requisite; may not be taken the same year as Italian 1, 2.)
Mon., Wed., 9.30, Fri., 3, Barrett 7, Professor Galpin.

3, 4. Spanish literature of the sixteenth and seventeenth centuries; the novel, the drama and the ballads.

Tu., 3, Thu., Fri., 9.30, Barrett 7, Professor Galpin.

THE HENRY WARD BEECHER LECTURESHIP

This lectureship is named in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

THE KELLOGG LECTURESHIP

Preserved Smith, Ph.D., Kellogg University Fellow, lectures on Martin Luther.

THE CLYDE FITCH LECTURESHIP

Professor Felix E. Schelling, Litt.D.. of the University of Pennsylvania, lectures on the Elizabethan Drama.

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held; foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members; distinguished foreigners are invited to speak in their native tongue under the auspices of the Club; plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords

opportunity to hear prominent lecturers from outside the College.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. Some of the works studied, thus far, are Mendelssohn's *St. Paul*, *Hymn of Praise*, *Hear my Prayer*, and *Elijah*, Handel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about one hundred thousand volumes. The funds available for the increase of the library yield an annual income of about six thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the several departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M., every day except Sundays and holidays. During vacations the library and read-

ing-room are open two hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall. It is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied

with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

The Fayerweather chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The Fayerweather physical laboratory has on the main floor a large lecture room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are

laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological and geological laboratories occupy a large building recently erected on the south side of the campus. On the first floor is the biological museum and on the second floor the geological and mineralogical museum. There are large lecture rooms, laboratories, and working rooms on both floors and in the basement.

The geological museum comprises the Woods cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the Hitchcock Ichnological collection, named after President Hitchcock, containing about fourteen hundred tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farman, LL.D., of the class of 1855, are in the biological museum.

Appleton Cabinet contains the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by gifts from Alumni.

The collections are open to the public every week-day from 3 to 4 P.M.

THE OBSERVATORY

The new observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the President, Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin and Greek lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building erected in 1859, was the first college gymnasium in this country. It was named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D, of the class of 1849, is the College Dining Hall. It is equipped for three hundred students.

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, was erected in 1828. In addition to Johnson Chapel, where morning prayers are conducted, it contains eight lecture-rooms.

THE COLLEGE CHURCH

The College Church, the gift of the late William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings assembled.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the professors of hygiene,

and rooms containing anthropometric apparatus for the measurement and examination of students. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for outdoor recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area

of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a

choice in suites for one, two or three students. The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hall-ways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class. Application for rooms should be made to the treasurer.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from college. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

The prices of dormitory rooms are as follows:

$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

$60, North College, Nos. B, E; South College, 11, C.

$65, South College, B.

$70, Morris Pratt Memorial Dormitory, Nos. 110, 111.

$80, South College, No. 14; Morris Pratt Memorial Dormitory, Nos. 102, 103, 210, 211, 310, 311.

$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32; Morris Pratt Memorial Dormitory, Nos. 202, 203, 302, 303.

$95, South College, Nos. 18, 19, 25, 28.

$100, North College, Nos. 2, 17; South College, Nos. 2, 17.

$110, North College, Nos. 13, 30; South College, No. 13.

$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

$125, South College, Nos. 22, 23, 26, 27.

$135, North College, Nos. 6, 21; South College, Nos. 6, 21.

$140, Morris Pratt Memorial Dormitory, No. 410.

$150, Morris Pratt Memorial Dormitory, No. 402.

$160, Morris Pratt Memorial Dormitory, Nos. 405, 406, 407, 408.

$175, South College, Suite 14, 14A, and 14B.

$180, Morris Pratt Memorial Dormitory, Nos. 401, 404, 409, 412.

$185, South College, Suite, 10, 10A, and 10B.

(10 B at $45 may be rented with 11 as a suite at $105. 14 B at $45 may be rented with 15 as a suite at $100.)

$200, Morris Pratt Memorial Dormitory, Nos. 105, 108, 205, 206, 207, 208, 305, 306, 307, 308.

$225, Morris Pratt Memorial Dormitory, Nos. 101, 104, 109, 112, 201, 204, 209, 212, 301, 304, 309, 312.

MORRIS PRATT MEMORIAL DORMITORY

Morris Pratt Memorial Dormitory was given by Mr. and Mrs. Charles M. Pratt as a memorial to their son, who was for a time a member of the class of 1911. The rooms are arranged on the plan of a study with two bedrooms, and single rooms.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of two weeks, and a Summer Vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published at the beginning of the year. Rules regarding examinations, delinquencies, and absences, are published in a pamphlet issued each year in September.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday services, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after Thanksgiving. A limited number of students are excused from attendance at the gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

TERM BILLS AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and forty dollars for the year, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.

Each member of the Senior class is required to pay a graduation fee of six dollars, which is added to the term bill for the second semester of Senior year.

LABORATORY FEES

Physics	First year, each semester	$5.00
	Second and third years, each semester	7.00
Biology	First year, each semester	3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00
Chemistry	First year, first semester	5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester	10.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition	$140.00	$140.00	$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00
Board thirty-six weeks	150.00	180.00	216.00
Fuel and light	10.00	15.00	25.00
	$352.50	$410.00	$623.50

The dormitories accommodate about two hundred students, and the fraternity houses about two hundred and fifty. At the College Commons in Hitchcock Hall board is furnished at cost. Rooms can be rented at moderate rates in private houses. Board is also furnished at various places in the town, at prices of from five to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend

elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

PHYSICAL EDUCATION

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more is the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Instruction Committee appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser on any subject related to his college life whenever he feels the need.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 71–74. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 71–74. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses required, but Mathematics 1, 2 of the first

year may not be included. They shall complete also the second year of German and the second year of a Romance language, Sophomore English, and first year Physics in the Sophomore year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B. A. degree.

A student who presents Latin 5 among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by completing college courses in Latin 1, 2, 3, 4.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in declamation and hygiene in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given to the Registrar at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given to the Registrar at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

DEGREE OF MASTER OF ARTS

Every candidate for the degree of Master of Arts shall make application to the Committee on Instruction for permission to enter upon a course of study for the degree. The application for the degree shall be made not later than October 1 by non-resident candidates, and not later than December 1 by candidates who complete the work for the Bachelor's degree at the end of the first semester of Senior year, and who wish to apply the remainder of the year to studies leading to the Master's degree. For this purpose a blank may be obtained from the Registrar. On this blank the applicant shall indicate the department in which he wishes to pursue his major course of study, and return his application to the Registrar. If this preliminary application is accepted by the Committee on Instruction the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as a minor, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 in each of his courses. The amount of work done must be acceptable to the teachers concerned and the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on

such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

The regulations stated above apply to all candidates, but applicants who plan to work for the degree in non-residence may obtain the degree not earlier than three years after graduation. Applicants who plan to take work in non-residence but at another institution may not receive the degree from Amherst if more than the first half of all the work required for the degree be done in such institution. The final examination covers all the work done for the degree.

Candidates are expected to appear in person at the conferring of the degree. Every non-resident pays a fee of ten dollars for examination and diploma.

Communications relative to the degree should be addressed to the Secretary of the Committee on Instruction, in care of the Registrar.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consid-

eration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a grade of 88 are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a grade of 85 are, on recommendation ofthe Faculty, elected members of the society.

President: PROFESSOR BENJAMIN K. EMERSON, PH.D.
Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.
Recording Secretary: PAUL F. GOOD.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Govern-

ment may be grouped with one semester in History, Philosophy, or Economics, in which a standing of 80 must be maintained. In History the Junior courses 3–4, 5–6, or 9–10, may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 in all studies of the college course; an average standing of not less than 75 in each study of Senior year, and of 90 in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than 75 in every department for the year.

(2) An average of 93 must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

THE following prizes are offered annually for proficiency in the work of several departments of collegiate study:

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, of fifty dollars each, given by the late John Bertram of Salem. For the year 1912–1913, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Aeneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

Two Junior Prizes, of thirty dollars each. For the year 1912–1913, one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father, Henry D. Hyde, of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the subjects announced by the English department.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the class of 1880, to Juniors for excellence in debate.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879, For the year 1912–1913 the prize will be assigned for the best work in the English course, 11 and 12, together with the best examination upon certain special work.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars given by Henry C. Folger, Jr., of the class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, given by the late Eleazer Porter of Hadley.

A prize of twenty dollars for proficiency in the first year's course in physics.

A prize of ten dollars for proficiency in astronomy.

The A. C. James Prize, of fifty dollars, for proficiency in the study of navigation.

A prize of thirty dollars, given by a member of the class of 1884, for proficiency in the second year's course in physics.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition-bills. Scholarships of the first grade are awarded to students whose average standing is A (90 to 100); of the second grade, to students whose average standing is B (80 to 89); of the third grade, to students whose average standing is C (70 to 79). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, $25,000.

The Class of 1871 Scholarship Fund, $25,000, established by a member of the Class.

The Moore Beneficiary Fund, $18,000, established by Rev. Zephaniah Swift Moore, D.D., first president of the college.

The William Hilton Scholarship Fund, $17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, $10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, $10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, $6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, $5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucus J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

Class of 1861 Scholarship Fund, $3000, established by the class.

Class of 1880 Scholarship Fund, $3000, established by the class.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Charles Merriam Scholarship Fund, $2000, established by Charles Merriam of Springfield.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, $2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, $2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, $2000, established by Warren F. Draper of the Class of 1847.

The Alexander H. Bullock Scholarship Fund, $1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, $1500, established by the Class.
The Class of 1853 Scholarship Fund, $1500, established by the Class.
The Class of 1871 Scholarship Fund, $1400, established by the Class.
The Class of 1855 Scholarship Fund, $1100, established by the Class.
The Class of 1826 Scholarship Fund, $500, established by two members of the Class.

Scholarship funds of $1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.
The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.
The George Cook Scholarship Fund, established by George Cook of the Class of 1841.
The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.
The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.
The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.
The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.
The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.
The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.
The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.
The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.
The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.
The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.
The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.
The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.
The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

The John C. Kimball Class of 1854 Fund, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of $40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in October, January, April and June. It contains articles of edu-

cational value, news of the Alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editor should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

Alumni Associations

The Society of the Alumni

(*Annual Meeting in Commencement Week*)

President: William Ives Washburn, Esq., '76

Vice-Presidents:

Professor Edwin A. Grosvenor, '67
Collin Armstrong, '77
Henry P. Field, Esq., '80
John P. Cushing, '82
George B. Mallon, '87
Isaac Patch, '97

Secretary and Treasurer:

Professor Thomas C. Esty, '93, Amherst.

Chairman of Committee on Alumni Trustees:

Hon. William B. Homer, '71

Executive Committee:

Henry P. Field, '80
Professor Joseph O. Thompson, '84
Arthur Curtiss James, '89
Herbert L. Pratt, '95
Harry W. Kidder, '97
Dr. John S. Hitchcock, '89
Hon. Henry A. King, '73
Professor H. Norman Gardiner, '78
Fred M. Smith, '84

EASTERN ASSOCIATIONS

The Association of Boston and Vicinity

President: William Orr, Ford Bldg.
Secretary: Theodore B. Plimpton, 24 Milk St.

The Association of Lowell

President: Rev. John M. Greene, 434 Andover St.
Secretary: Charles W. Morey, 14 Belmont St.

The Association of Central Massachusetts

President: Benjamin K. Emerson, Jr., M.D., 56 William St., Worcester
Secretary: Virgil Spaulding, 44 May St., Worcester

The Connecticut Valley Association

President: William F. Whiting, 215 Linden St., Holyoke
Secretary: Felix B. Atwood, 318 Main St., Springfield

The Association of Connecticut

President: Prof. Williston Walker, D.D., New Haven
Secretary: Ernest W. Pelton, New Britain

The Association of Rhode Island

President: Charles F. Stearns, Esq., County Court House, Providence
Secretary: Gerald M. Richmond, 532 Bannigan Bldg., Providence

The Association of New York

President: Herbert L. Bridgman, 604 Carlton Ave., Brooklyn
Secretary: Charles H. Dayton, 90 West St.

The Association of Brooklyn

President: Walter H. Gilpatric, 277 Broadway, New York
Secretary: Reuben J. Peacock, 37 Liberty St., New York

The Association of Central New York

President: Jonas S. Van Duzer, Horseheads
Secretary: Halsey M. Collins, Cortland

The Association of Western New York

President: Charles J. Staples, Esq., 1040 Ellicott St., Buffalo
Secretary: Clinton H. Hartzell, 803 Chamber of Commerce, Buffalo

The Association of Philadelphia and Vicinity

President: Rev. John H. Eastman, 505 Garfield Sq., Pottsville
Secretary: Edwin S. Parry, Lafayette Bldg., Philadelphia

The Association of Washington

President: Hon. Ashley M. Gould, 1931 Sixteenth St., N.W.
Secretary: Barry Bulkley, Cosmos Club.

The Association of Pittsburgh

President: William D. Evans, Esq., Commonwealth Bldg.
Secretary: Harry G. Tinker, 431 Diamond St.

CENTRAL AND FAR WESTERN ASSOCIATIONS

The Association of Cleveland and Vicinity

President: William E. Byrnes, 725 St. Clair Ave.
Secretary: Charles W. Disbrow, University Club

The Amherst Club of Chicago

President: Rev. John T. Stone, D.D., 71 East Elm St.
Secretary: S. Bowles King, 122 South Michigan Ave.

The Association of St. Louis

President: Luther Armstrong, Kirkwood
Secretary: Luther E. Smith, Esq., Pierce Bldg.

Michigan State Amherst Association

President: Dimon Roberts, 43 S. Summit St., Ypsilanti
Secretary: Supt. Shattuck O. Hartwell, Kalamazoo

The Northwestern Association

President: Joseph R. Kingman, Esq., 225 Ridgewood Ave., Minneapolis
Secretary: Joseph L. Seybold, 941 Campbell Ave., Hamilton, Ohio

The Association of Des Moines

President: Richard R. Rollins, 30th St. and Rutland Ave.
Secretary: Edwin D. Hewitt, Second and Walnut Sts.

The Association of the Southwest

President: Cassius M. Clark, Esq., Peabody, Kansas
Secretary: Edward W. Kidder, Kansas City, Missouri

The Association of Nebraska

President: Rev. Frank T. Rouse, 412 North 22d St., Omaha
Secretary: Osgood T. Eastman, First National Bank, Omaha

The Rocky Mountain Association

President: William F. Slocum, Colorado Springs, Colorado
Secretary: Earl Comstock, 335 Century Bldg., Denver, Colorado

The Association of Arizona

President: Stuart W. French, Douglas
Secretary: William H. Webster, Douglas

The Association of Southern California

President: Rev. WILLIAM H. DAY, 946 South Union Ave., Los Angeles

Secretary: DANIEL BEECHER, Esq., 305 Equitable Bank Bldg., Los Angeles

The Association of Washington

President: JAMES B. BEST, Everett

Secretary: JOSEPH D. CORNELL, 1524 Seventh Ave., W.

The Association of Northern California

President: Prof. WILLIAM A. MERRILL, PH.D., LL.D., 2609 College Ave., Berkeley

Secretary:

Railroad Connections

THE Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Amherst College, Amherst, Mass.

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1913-1914

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Amherst, Massachusetts

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Amherst College Catalogue

For the Year

1913-1914

Amherst, Massachusetts
Published by the College

1913

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College Calendar

1913		
September	18, **Beginning of the College Year**	11.30 A.M. Thursday
October	2, Mountain Day, a holiday	Thursday
November	26–28, Thanksgiving Recess	12.20 P.M. Wed. 2.00 P.M. Fri.
December	23, **Christmas Recess begins**	12.20 P.M. Tuesday
1914		
January	6, **Christmas Recess ends**	2 P.M. Tuesday
Jan. 27–Feb.	4, Semester Examinations	
February	5, Second Half-Year begins	Thursday
February	8, Day of Prayer for Colleges	Sunday
February	23, Washington's Birthday, a holiday	Monday
March	25, **Spring Recess begins**	12.20 P.M. Wednesday
April	7, **Spring Recess ends**	2 P.M. Tuesday
May	30, Memorial Day, a holiday	Saturday
June	6, Preliminary Registration Day	Saturday
June	10–19, Semester Examinations	
June	15–20, Examinations for Admission	Monday to Saturday
June	21, Baccalaureate Sermon	Sunday
June	22, Hyde Prize Orations	Monday afternoon
June	22, Kellogg Prize Declamations	Monday evening
June	23, Class Day	Tuesday
June	23, President's Reception	Tuesday afternoon
June	23, Lawn Fête	Tuesday evening
June	24, Commencement Exercises	Wednesday morning
June	24, Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	10–16, Examinations for Admission	Thursday to Wednesday
September	17, **Beginning of the College Year**	11.30 A.M. Thursday
October	14–16, Porter Prize Entrance Examinations	
December	22, **Christmas Recess begins**	12.20 P.M. Tuesday
1915		
January	5, **Christmas Recess ends**	2.00 P.M. Tuesday

Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE ARTHUR PLIMPTON, LL.D. New York, N. Y.
President of the Corporation
ALEXANDER MEIKLEJOHN, PH.D., LL.D.
President of the College Amherst, Mass.
PROF. WILLISTON WALKER, D.D. New Haven, Conn.
Secretary of the Corporation
GEORGE HENRY WHITCOMB, M.A. Worcester, Mass.
REV. WILLIAM HAYES WARD, D.D., LL.D.
New York, N. Y.
CHARLES MILLARD PRATT, M.A. Brooklyn, N. Y.
HON. CHARLES HERBERT ALLEN, LL.D.
New York, N. Y.
ARTHUR CURTISS JAMES, M.A. . New York, N. Y.
JOHN WOODRUFF SIMPSON, LL.D. New York, N. Y.
REV. CORNELIUS HOWARD PATTON, D.D.
Boston, Mass.
DEAN WILFORD LASH ROBBINS, D.D., LL.D.
New York, N. Y.
ARTHUR CHARLES ROUNDS, M.A. New York, N. Y.
PROF. ARTHUR LINCOLN GILLETT, D.D.
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ROBERT ARCHEY WOODS, M.A. . . Boston, Mass.
REV. JOHN TIMOTHY STONE, D.D. . Chicago, Ill.
REV. GEORGE ATWATER HALL . Brookline, Mass.

HARRY WELTON KIDDER, B.A. . Amherst, Mass.
Treasurer of the Corporation

Overseers of the Charitable Fund

Rev. John M. Greene, D.D.	Boston, Mass.
M. Fayette Dickinson, M.A.	Amherst, Mass.
Prof. William B. Graves, M.A.	Andover, Mass.
John C. Hammond, M.A.	Northampton, Mass.
Lewis W. West, B.A.	Hadley, Mass.
Rev. James W. Bixler, D.D.	New London, Conn.
Rev. Charles W. Merriam	Greenfield, Mass.

Harry Welton Kidder, B.A., *Commissioner*

Faculty

ALEXANDER MEIKLEJOHN, PH.D., LL.D., *President of the College, and Professor of Logic and Metaphysics*
President's House

GEORGE HARRIS, D.D., LL.D., *President Emeritus*
65 Central Park West, New York, N. Y.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty* 3 Orchard St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy* 85 Elm St., Worcester, Mass.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry* Warsaw, N. Y.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology* 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
Amherst, Mass.

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory* Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and Biblical Interpretation* 6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern Government and International Law* 7 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Williston Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 3 Dana St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics* 1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Parmly Billings Professor of Hygiene and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy* 8 Orchard St.

WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy* Sunset Ave.

CLARENCE WILLIS EASTMAN. PH.D., *Professor of the German Language and Literature* 18 Northampton Road

FREDERIC LINCOLN THOMPSON, M.A., *Winkley Professor of History* 63 South Pleasant St.

HENRY CARRINGTON LANCASTER, PH.D., *Professor of Romance Languages* 4 Dana St.

LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of Physics* 20 Lessey St.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of History* 31 Northampton Road

ARTHUR HENRY BAXTER, PH.D., *Associate Professor of Romance Languages* 34 Lincoln Ave.

JOHN CORSA, M.A., *Associate Professor of Public Speaking* 25 Amity St.

OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German* 25 College St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of English* 83 South Pleasant St.

HOWARD WATERS DOUGHTY, PH.D., *Professor of Chemistry* 77 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 13 Lincoln Ave.

JOHN MAURICE CLARK, PH.D., *Associate Professor of Economics* — Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hygiene and Physical Education* — 11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Associate Professor of English* — 4 Orchard St.

PERCY ROBERT CARPENTER, B.A., *Associate Professor of Hygiene and Physical Education* — Kendrick Place

CHARLES HANSEN TOLL, PH.D., *Associate Professor of Philosophy* — Snell St.

LAURENCE HOUGHTON PARKER, B.A., *Assistant Professor of Mathematics* — 4 South Prospect St.

HERBERT PIERREPONT HOUGHTON, PH.D., *Assistant Professor of Latin* — 9 College Ave.

ALFRED SHEPARD GOODALE, B.A., *Assistant Professor of Botany, and Registrar* — 3 Parsons St.

CHARLES WIGGINS COBB, PH.D., *Assistant Professor of Mathematics* — Mt. Doma

CLARENCE EDWARD ANDREWS, PH.D., *Assistant Professor of English* — Mt. Doma

WILLIAM RADER WESTHAFER, M.A., *Assistant Professor of Physics* — 9 Woodside Ave.

CHARLES ERNEST BENNETT, PH.D., *Assistant Professor of Latin* — Lincoln Block

WILLIAM ISAAC FLETCHER, M.A., *Librarian Emeritus*
54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Otis Librarian*
13 Lincoln Ave.

CLARENCE EDGAR SHERMAN, B.S., *Assistant Librarian*
46 Pleasant St.

CHARLES KINGMAN PERKINS, B.A., *Assistant Registrar*
112 Morris Pratt Memorial Dormitory

THOMAS WAINRIGHT BUSSÒM, *Instructor in Romance Languages* 8 Parsons St.

JOHN BROWN ZINN, PH.D., *Instructor in Chemistry*
Bank Block

EDWARD LEFFINGWELL TROXELL, M.A., *Assistant in Geology*
112 Morris Pratt Memorial Dormitory

HAROLD HENRY PLOUGH, B.A., *Assistant in Biology*
11 Parsons St.

CARL WILLIS HYLAND, *Secretary of the Department of Hygiene and Physical Education* 21 Woodside Ave.

PRESERVED SMITH, PH.D., *Kellogg University Fellow, Lecturer on History*

WILLIAM BUTLER YEATS, *Lecturer on Clyde Fitch Foundation*

Professor WILLIAM HOWARD TAFT, LL.D., *Yale University Henry Ward Beecher Lecturer*

Professor GEORGE HOWARD PARKER, S.B. SCD., *Harvard University, William Brewster Clark Memorial Lecturer*

Committees of the Faculty

Administration: The PRESIDENT, the DEAN, the REGISTRAR, Professors TYLER, COWLES, ESTY, HOPKINS, NEWLIN

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CHURCHILL, CROOK, ESTY, LOOMIS, F. L. THOMPSON, EASTMAN, LANCASTER

Library: The PRESIDENT, the TREASURER, the LIBRARIAN, Professors TYLER, CROOK, OLDS, F. L. THOMPSON, LANCASTER, BIGELOW

Catalogue: The PRESIDENT, the REGISTRAR, Professors SMITH, UTTER

Admission: The PRESIDENT, the DEAN, the REGISTRAR

Board of Public Exhibitions: Faculty members: Professors CHURCHILL, NEWLIN, CORSA.

Athletics: Professors PHILLIPS, F. L. THOMPSON, CROOK, LOOMIS, STOWELL

Fellows

PRESERVED SMITH, PH.D., *Kellogg University Fellow*
Amherst, Mass.

ALLISON WILSON MARSH, B.A., *Edward Hitchcock Fellow*
Amherst, Mass.

LEWIS DAYTON STILWELL, B.A., *Roswell Dwight Hitchcock Fellow*
Cambridge, Mass.

ORDWAY TEAD, B.A., *South End House Fellow*
Boston, Mass.

List of College Preachers

1912–1913

Prof. Talcott Williams, ll.d., litt.d. . New York, N. Y.
Rev. Edward Hume, d.d. . . . New Haven, Conn.
Rev. Hugh Black, d.d. . . . . New York, N. Y.
Rev. John Timothy Stone, d.d. . . . Chicago, Ill.
Rev. Lewis T. Reed . . . . . Brooklyn, N. Y.
Rev. Frank J. Goodwin, d.d. . . . Washington, D. C.
Rev. Albert P. Fitch, d.d. . . . . Cambridge, Mass.
Rev. Jason Noble Pierce . . . . . Oberlin, O.
Rev. Nehemiah Boynton, d.d. . . . . Brooklyn, N. Y.
Rev. William G. Thayer, d.d. . . . Southboro, Mass.
Pres. Marion L. Burton, d.d., ll.d. Northampton, Mass.
Rev. S. Parkes Cadman, d.d. . . . Brooklyn, N. Y.
Rev. Willis H. Butler . . . . Boston, Mass.
Rev. Jay T. Stocking, d.d. . . . Newtonville, Mass.
Rev. Charles S. Mills, d.d. . . . Montclair, N. J.
Rev. F. Boyd Edwards . . . . . Orange, N. J.
Rev. Ellis Bishop . . . . . Amherst, Mass.
Robert E. Speer, d.d. . . . . New York, N. Y.
Rev. H. Roswell Bates . . . . New York, N. Y.
Rev. Rockwell H. Potter, d.d. . . Hartford, Conn.
Prof. Charles H. Brown, d.d. . . New Haven, Conn.
Rev. Edward F. Sanderson . . . . Brooklyn, N. Y.
President John M. Thomas, d.d., ll.d. . Middlebury, Vt.
President Emeritus George Harris, d.d., ll.d.
New York, N. Y.
Rev. Edward T. Sullivan . . . Newton Center, Mass.
Rev. Clarence H. Wilson . . Glen Ridge, N. J.

Rev. Augustus M. Lord . . . . Providence, R. I.
Rev. Howard S. Bliss, D.D. . . . . Beirût, Syria
Rev. Henry P. Dewey, D.D. . . . Minneapolis, Minn.
Rt. Rev. Thomas F. Davies, D.D. . . Springfield, Mass.
Rev. Harry E. Fosdick . . . . . Montclair, N. J.
Rev. T. Calvin McClelland, D.D. . Brooklyn, N. Y.
Prof. John F. Genung, D.D. . . . Amherst, Mass.
President Alexander Meiklejohn, LL.D. Amherst, Mass.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of two weeks, and a Summer Vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published at the beginning of the year. Rules regarding examinations, delinquencies, and absences, are published in the Undergraduate Course Book.

TERM BILLS AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and forty dollars for the year, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.

Each member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

LABORATORY FEES

Physics	First year, each semester	$5.00
	Second and third years, each semester	7.00
Biology	First year, each semester	3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00
Chemistry	First year, first semester	5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester	10.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition	$140.00	$140.00	$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00
Board thirty-six weeks	198.00	216.00	252.00
Fuel and light	10.00	15.00	25.00
	$400.50	$446.00	$668.50

The dormitories accommodate about two hundred students, and the fraternity houses about two hundred and fifty. Rooms can be rented at moderate rates in private houses. Board is furnished at various places in the town, at prices of from five to seven dollars a week.

ATTENDANCE AT CHURCH AND CHAPEL

Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

Absences from chapel services are allowed upon an average

once a week for each semester; from the Sunday services, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors November first. A limited number of students are excused from attendance at the gymnasium while they are actively training for one of the athletic teams of the College.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before

the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more is the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

REPORTS OF STANDING

Rank in each subject is reported as follows:

A, 90–100 per cent; B, 80–89 per cent; C, 70–79 per cent. D, 60–69 per cent; E, 50–59 per cent; F, below 50 per cent; The passing grade in all departments is 60 per cent.

EXTRA COURSES

A student who has an average of not less than 75 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not charge an extra course to a regular course without the consent of the Administration Com-

mittee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee. A student who, by reason of failing in one course the first semester, takes only four courses in the second semester, may, if he maintains a standing of 75 in those courses, take six courses the following year.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the Registrar for approval. During the year a member of the Instruction Committee will be assigned as his adviser and the student will be expected to consult him as to his course in general and upon any other subject related to his college life whenever he feels the need.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55–59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55–59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses required, but Mathematics 1, 2 of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language, Sophomore English, and first year Physics in the Sophomore

year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B. A. degree.

The degree of Bachelor of Science will not be conferred after June, 1917.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in declamation and hygiene in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Registrar at the beginning of the first year.

GRADUATION IN THREE AND ONE–HALF YEARS

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half-years must be given to the Registrar at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

DEGREE OF MASTER OF ARTS

Every candidate for the degree of Master of Arts must make application to the Committee on Instruction for permission to enter upon a course of study for the degree. The application for the degree must be made not later than December 1 by candidates who complete the work for the Bachelor's degree at the end of the first semester of Senior

year, and who wish to apply the remainder of the year to studies leading to the Master's degree. For this purpose a blank may be obtained from the Registrar. On this blank the applicant must indicate the department in which he wishes to pursue his major course of study, and return his application to the Registrar. If this preliminary application is accepted by the Committee on Instruction the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as a minor, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 in each of his courses. The amount of work done must be acceptable to the teachers concerned and the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Committee on Instruction, in care of the Registrar.

Degrees Conferred June 25, 1913

Bachelor of Arts

Magna Cum Laude

Frederick Leslie Cadman
Louis Goldsborough Caldwell
Paul Francis Good
George Daniel Olds, Jr.
George Scatchard

Cum Laude

Harold Gates Allen
Timothy Joseph Burns
John Locke Coates
George Remington Havens, Jr.
Carroll Lyman Hopkins
John Munro Jaqueth
Henry Smith Leiper
Allison Wilson Marsh
Randolph Seaman Merrill
Walter Weaver Moore
Harold Philip Partenheimer
Harold Henry Plough
Herbert Hammond Pride
Frederick Russell Pope
Irving Edward Richard
John Woodruff Simpson
Lewis Dayton Stilwell
Albert Louis Stirn
Raymond Worthington Stone
Clarence Leon Tappin
Miner Worthington Tuttle
Ralph Wells Westcott
Sandford Potter Wilcox

Rite

Frank Lusk Babbott, Jr.
Charles Fifield Bailey
Preston Rogers Bassett
Horace Potter Belden
Harold Van Yorx Caldwell
George Ewing Clapp
Samuel Henry Cobb
Bartholomew Joseph Connolly
John Wallace Coxhead
Walter Wensley Coyle
John Eden Farwell
Raymond James Fitzsimmons
Francis Timothy Gilligan
Horatio Gates Glen
Theodore Ainsworth Greene
Frederick John Guettier
Robert Alden Jenkins
Charles Lindley Johnston
John Lord King
John Henry Klingenfeldt, Jr.
Edward Chevalier Knudson
Kenneth Clement Lindsay
Henry Sprague Loomis
James Focht McClure

Rite—Continued

Albert Millard Morris
Edward Stiles Morse
Hermon King Murphey
Charles Edwards Parsons
Hamilton Patton
Hilliard Alonzo Proctor
James Robert Quill
Gain Robinson
Emerson Sheldon Searle
Winfield Scott Slocum
John Worthington Steele
Frank Palmer Stelling
Bruce Negus Stimets
George Lester Stone
John Tyler Storrs
Robert Irving Stout
Erling Aubrey Stubbs
Charles Hastings Wadhams
Joseph Spencer Wesby
William Henry Whitney
William Joralemon Wilcox
Harry Converse Wilder
Gerald Humphrey Williamson

Bachelors of Science

Cum Laude

Geoffrey Atkinson
Arthur Hazard Bond
Raymond Witherspoon Cross
Frederick John Heinritz

Rite

Herbert Charles Allen, Jr.
Otis Averill
Raymond Gregory Barton
Kenneth Burwell Beckwith
Chauncey Benedict
Harold McMillan Bixby
Robert Henry Browne
Frank Samuel Collins
Thomas Flint Cousins
William Galloway Hamilton
Howard Charles Harding
Wilton Audubon Hardy
Herschel Scott Konold
Hugh Warwick Littlejohn
John Stanley Moore
Clark Monroe Price
Perry Alexander Proudfoot
Walter Willoughby Smith
Nelson Stone
James Addison Tilden, Jr.
Judah Edgar Voorhees

Honorary Degrees

MASTER OF ARTS

William Keeney Bixby

DOCTOR OF DIVINITY

Harlan Page Beach

Jay Thomas Stocking

DOCTOR OF LETTERS

Alfred Grosvenor Rolfe

DOCTOR OF LAWS

Marion Leroy Burton

Harlan Fiske Stone

William Cox Redfield

Charles Seymour Whitman

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year.

LIST OF SUBJECTS

Biology		½ point
Botany		½ point
Chemistry		1 point
English	A	2 points
	B	1 point
French	A	2 points
	B	1 point
German	A	2 points
	B	1 point
Greek	A, B	2 points
	C, H, F	1 point
Harmony (Music B)		1 point
History	A, B, C, D	1 point each
Latin 1		1 point
2		1 point
4		1 point
5		1 point

Mathematics	A	$1\frac{1}{2}$ points
	A 1	1 point
	A 2	$\frac{1}{2}$ point
	C	1 point
	B, D, F	$\frac{1}{2}$ point each
Physics		1 point
Physiography		1 point
Physiology		$\frac{1}{2}$ point

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF ARTS COURSE

All candidates for admission to the course leading to the degree of Bachelor of Arts must present entrance credits amounting to fourteen points. The subjects presented must include Latin or Greek, English, Mathematics and History. The total requirement may be met in any one of the three ways described in the following groups.

Group 1

Latin 1, 2, 4, 5
Greek A, B, C, H, F
Mathematics A, C
English A and B
History A

In addition at least one-half point must be made from the list on pages 29–30.

GROUP 2

Latin 1, 2, 4, 5 and Greek A, B
or
Greek A, B, C, H, F and Latin 1, 2, 4
Mathematics A and C
English A and B
History A

In addition at least one and one-half points must be made from the list on pages 29–30.

GROUP 3

Latin 1, 2, 4, 5
or
Greek A, B, C, H, F
Mathematics A and C
English A and B
History A

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, must be made from the list on pages 29–30. Two of these points must be a modern language.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

For admission to a special course not leading to a degree, every candidate must present twelve points, which must include the following elementary subjects:

Mathematics A and C
English A and B
History A or B or C or D
Chemistry or Physics

And one point from the following advanced subjects:

Mathematics B, D, F
French B
German B

And three and one-half points from the list on pages 29–30.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias;* Vergil, *Æneid*, I-VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations, Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics, Georgics*, and *Æneid*) and Ovid (*Metamorphoses, Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in

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translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

GREEK

ELEMENTARY GREEK

A 1. Greek grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I–IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I–III (omitting Book II 494–end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

MATHEMATICS

ELEMENTARY MATHEMATICS

A. Elementary algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations, the binomial theorem for positive

integral exponents; the formulas for the nth term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

B. Advanced algebra.*

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the

solution of numerous original exercises, including loci problems; applications to the mensuration of surface and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate given by a preparatory school will be accepted for work in solid geometry, advanced algebra, or plane trigonometry.

ENGLISH

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered;

and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise narration, description, easy exposition, argument, and letter-writing. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

A. READING.*—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915–19. Amherst College accepts also the requirements recommended by the Conference for 1913–14, which will be found to be included in these lists. Substitutions in these lists may be accepted provided they are submitted to the Registrar on or before the first day of February preceding the examination.

For students entering in 1914–1919:

With a view to a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

Group I. Classics in Translation.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Book XI, XIII, XIV, XV, XVII, XXI; The Æneid.

(The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

Group II. Shakespeare.—*Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet.**

Group III. Prose Fiction.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield;* Frances Burney, Evelina; Scott's Novels, any *one;* Jane Austen's Novels, any *one;* Maria Edgeworth, *Castle Rackrent*, or *The Absentee;* Dickens' Novels, any *one;* Thackeray's Novels, any *one;* George Eliot's Novels, any *one;* Mrs. Gaskell, *Cranford;* Kingsley, *Westward, Ho!* or *Hereward, the Wake.*

Group IV. Essays, Biography, etc.—Addison and Steele, The Sir Roger de Coverly Papers or Selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, Selec-

* If not chosen for study under B.

tions from the *Life of Johnson* (about 200 pages); Franklin, *Autobiography;* Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith;* Southey, *Life of Nelson;* Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humorists;* Macaulay, any *one* of the following essays *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay;* Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast;* Lincoln, Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail;* Thoreau, *Walden;* Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table;* Stevenson, *An Inland Voyage and Travels with a Donkey;* Huxley, *Autobiography* and selections from *Lay Sermons,* including the addresses on *Improving Natural Knowledge, A Liberal Education* and *A Piece of Chalk;* A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

Group V. Poetry.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village;* Pope, *The Rape of the Lock;* a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens,* and a selection from later ballads;

Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan;* Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon;* Scott, *The Lady of the Lake* or *Marmion;* Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Irvy;* Tennyson, *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur;* Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus—*," *Instans Tyrannus;* Arnold, *Sohrab and Rustum*, and *The Forsaken Merman;* Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. Study.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama.—Shakespeare, *Julius Cæsar*, *Macbeth*, *Hamlet.*

Group II. Poetry.—Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas;* Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur;* The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

Group III. Oratory.—Burke, *Speech on Conciliation with America;* Macaulay's *Speech on Copyright* and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

Group IV. Essays.—Carlyle, *Essay on Burns*, with a selection from Burns's Poems; Macaulay, *Life of Johnson;* Emerson, *Essay on Manners.*

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (a) READING, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an

appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 84 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar,

with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;* Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tache du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

B. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle-Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry, *Récits des Temps Mérovingiens;* Thiers, *L'Expédition de Bonaparte en Egypte;* Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 70 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupil to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

HISTORY

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high-school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those in the examination of the College Entrance Examination Board.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; balance; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less then forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis

should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts's *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens's *Introduction to Botany*.

HARMONY (Music)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer

than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the Principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English B.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1914

In June, 1914, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 15–20, 1914.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 1, 1914; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 25, 1914; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 11, 1914.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of $5.00 in addition to the usual fee.

The examination fee is $5.00 for all candidates examined at points in the United States and Canada, and $15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express

order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1914, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Thursday, Friday, Saturday, Monday, Tuesday, and Wednesday, September, 10-16, 1914.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

First Day—Sept. 10

8.30–10.30 A.M.	Latin 4
10.45 A.M.–12.30 P.M.	Latin 2
2.00–4.00 P.M.	Latin 5
4.15–6.00 P.M.	French B

Second Day—Sept. 11.

8.30–10.30 A.M.	Mathematics C
10.45 A.M.–12.30 P.M.	Mathematics D
2.00–4.00 P.M.	German A
4.15–6.00 P.M.	History A, C

THIRD DAY—SEPT. 12.

8.30–10.30 A.M.	Physics
10.45 A.M.–12.30 P.M.	Latin 1
2.00–4.00 P.M.	French A
4.15–6.00 P.M.	German B

FOURTH DAY—SEPT. 14.

8.30–10.30 A.M.	Mathematics A. 1
10.45 A.M.–12.30 P.M.	Mathematics A. 2
2.00–4.00 P.M.	Botany
	Zoölogy
4.15–6.00 P.M.	History B, D

FIFTH DAY—SEPT. 15.

8.30–10.30 A.M.	English A
10.45 A.M.–12.30 P.M.	Chemistry
2.00–4.00 P.M.	English B
4.15–6.00 P.M.	Greek B
	Mathematics B

SIXTH DAY—SEPT. 16

8.30–10.30 A.M.	Greek C, H
10.45 A.M.–12.30 P.M.	Greek A
2.00–4.00 P.M.	Mathematics F
4.15–6.00 P.M.	Greek F
	Music A

For Porter Admission Prize see page 106.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In mathematics A and C no certificate will be accepted for work that has been not pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate is accepted for work in French, German, Mathematics B, D, and F, on which examinations must be taken. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on pages 34–36.

CONDITIONS

No student is allowed to remain in College over two years with an entrance condition.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements.

1. He must present a catalogue and an official certificate showing:
   Honorable dismissal.
   Subjects accepted for admission to the college from which he came.
   His college record including grade of his scholarship in each subject taken.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank.
3. Candidates will be accepted only at the beginning of the year.
4. Credit is allowed only for work equivalent to courses in Amherst College.
5. If a candidate has any conditions, entrance or otherwise, credits will be carried back to cancel these delinquencies.
6. The applicant must indicate at the time of his admission all his claims for credit. Except by special action of the Faculty, no claim not so presented will be considered unless the work on which the claim is based has been completed subsequently.
7. Any claim considered by the Registrar as insufficiently certified will be referred by him to the appropriate department for examination.

8. Provisional credit for courses completed will be given by the Registrar at the time of the applicant's admission to college but this credit will not be considered as final nor will the candidate be given final enrollment until he has successfully completed at least one semester's work in Amherst College.

9. All applications for admission to advanced standing should be made to the Registrar of the College.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Credit for studies presented in preparatory schools corresponding to college courses may be obtained by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Registrar of the College.

6. Credit thus obtained may be used:

   1. In anticipation of required courses.
   2. To count toward graduation in less than four years. (See page 24.)

Such credit may not be used to reduce the number of

courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

Course of Study

ALL candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include Mathematics 1, 2, English 1, 2, two years of college Greek or Latin, two years of science in the group Biology, Chemistry, and Physics, and in addition to the forty courses, the required work in Public Speaking 2 and 3 and Physical Education 2, 4, and 6.

Beginning with the class entering in 1911 a reading knowledge of German *and* a Romance language (French, Italian or Spanish) is required for a degree, with the exception that in the case of those entering with Greek, a reading knowledge of German *or* a Romance language is required for a degree.

Beginning with the class which enters in 1912, in the case of those who enter with Greek A, B, C, H, F and Latin 1, 2, 4, 5, and complete both ancient languages Freshman year; or of those who enter with Latin 1, 2, 4, 5 and complete Greek A, B, C, and in addition take at least one year of Greek in college, a reading knowledge of either German *or* a Romance language is required for a degree.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

The course of study must be so arranged that it will include three majors and one minor.

A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman

year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 1 or 2 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a minor.

All courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, B, which are four-hour courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester. No student is allowed to take more than six courses in a semester. The course in Debates (Public Speaking), which is a one-hour course, may be reckoned as one of the five courses of the first semester of Senior year.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission Latin 1, 2, 4 and 5 and Greek A, B, C, H, and F are required to study both those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, in which case they may elect a modern language the first year instead

of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives.

Those who present for admission only one ancient language, Latin 1, 2, 4 and 5 or Greek A, B, C, H and F are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives.

FRESHMAN ELECTIVES

Biology 1–2	Greek A, B, C, 1, 2, 4
Chemistry 1–2	Italian 1–2
Physics 1–2*	Mathematics 11–12, or 14
French 1–2, 3–4, 5–6	Spanish 1–2
German 1–2, 3–4, 5–6	

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

Those who take Greek 1 may choose 2 or 4 the second semester, and are allowed until the end of the first semester to make their choice.

FRESHMAN YEAR

Group I	Groups II and III
1. Mathematics	Mathematics
2. English	English
3. Latin	Ancient Language
4. Greek	Modern Language or Greek C
5. Biology or Chemistry or Physics*	Biology or Chemistry, or Physics or French, German, or Greek A, B†

*Physics 1–2 is open only to those freshmen who have credit for Mathematics D and F, and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

†Students who enter under Groups II and III and elect a modern language or Greek A, B as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

STUDIES OF SOPHOMORE YEAR

In Sophomore year all students are required to take either Sophomore Greek or Sophomore Latin, a modern language, two subjects chosen from Biology, Chemistry, English, History, Mathematics, Philosophy, and Physics, and in addition one course from the electives open to Sophomores and the required courses in Physical Education 4 and Public Speaking 3.

SOPHOMORE YEAR

1. Ancient Language
2. Modern Language
3, 4. Two Subjects from Biology, Chemistry, English, History, Mathematics, Philosophy, Physics
5. Elective

STUDIES OF JUNIOR YEAR

In Junior year all students are required to pursue three subjects chosen as majors, one subject chosen from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, and Physics, and one course from the electives open to Juniors. In addition, he must complete the required work in Physical Education 6.

JUNIOR YEAR

1. Major 1*
2. Major 2
3. Major 3
4. One subject from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, or Physics.
5. Elective

*A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 1 or 2 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a minor.

STUDIES OF SENIOR YEAR

In Senior year all students are required to complete the second major, in case it has not been completed in Junior year, the third major, a minor, and two elective courses, or three elective courses if the second major has been completed at the end of Junior year.

STUDIES OF SPECIAL STUDENTS

Special students must take as many courses as are taken by regular students. The first year they must study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

RULES FOR THE ELECTION OF STUDIES

Choices are made for the year and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the second week of the first semester.

Choice of electives for the following year must be made on or before the Saturday preceding the semester examinations in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. For a change of electives a fee of two dollars is imposed which must be paid when the petition is filed.

The card of elections must be approved and signed by a member of the Instruction Committee before it is handed in.

Candidates for the degree of B. A., beginning with the

class entering in 1911, must complete two years of science in the following group: Biology, Chemistry, Physics.

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in a, b, and c.

a. Modern Government 2 preceded by Public Speaking 5 in the first semester of Junior year may be counted as a year course, which with Modern Government 3, 4 may constitute a minor.

b. Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

c. Astronomy 2 or 4 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Senior year, may be counted as a year course, which with Astronomy 1, 2 or 1, 4 may constitute a minor.

Not more than two courses taken simultaneously in one subject or under one instructor may count toward a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

COURSES OF INSTRUCTION IN DETAIL

ART

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

Mon., Wed., Fri., 11.30, Williston 3, PROFESSOR SMITH.
(Omitted in 1913–1914.)
Elective for Juniors.

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Mon., Wed., Fri., 11.30, Williston 3, Professor Baxter.
(Omitted in 1913–1914.)
Elective for Juniors.

ASTRONOMY AND NAVIGATION

1. General and descriptive astronomy; Todd's *New Astronomy;* lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.
Elective for Juniors.

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope. The course includes the theory of the construction, adjustment and use, of the instruments of the observatory. Each student makes observations, and completely calculates or reduces them. The course includes also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(Mathematics 1, 2, 4, 5, and Astronomy 1 requisite.)
Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.
Elective for Juniors.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)
Mon., Wed., 9.30, Fri., 3, Appleton 1, Professor Todd.
Elective for Seniors.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. The formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; the stress of prophecy.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

3. Post-exilic literature; coming of the Son of Man, and characteristics of His word and work.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

(Courses 3, 4 omitted 1913–1914.)

Elective for Juniors.

BIOLOGY

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, PROFESSOR TYLER.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, PROFESSOR TYLER.

Elective for Freshmen.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. PROFESSORS TYLER AND LOOMIS.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.

Elective for Freshmen.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR TYLER.
B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, PROFESSOR TYLER.
Elective for Sophomores.

4. Evolution and distribution of the vertebrates.

(Biology 3 requisite.)
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR LOOMIS.
B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, PROFESSOR LOOMIS.
Elective for Sophomores.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)
Mon., Wed., Fri., 11.30, Appleton 3, PROFESSOR GOODALE.
(Omitted in 1913–1914.)
Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types elected as representatives of the main groups of plants.

Mon., Wed., Fri., 11.30, Appleton 3, PROFESSOR GOODALE.
Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.
Elective for Juniors.

10. Human Physiology.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, Professor Phillips.
Elective for Juniors.

11. Biological problems.

(Biology 4 requisite) Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Loomis.

Elective for Seniors.

12. Anthropology.

(Biology 4 requisite) Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Tyler.

Elective for Seniors.

CHEMISTRY

1. General chemistry; the non-metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, Professors Hopkins, Doughty, and Dr. Zinn.

Elective for Freshmen.

2. General chemistry; the metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, Professor Hopkins, Doughty, and Dr. Zinn.

Elective for Freshmen.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Two hours class-room work and three hours of laboratory work each week. (Chemistry 1, and 2 requisite. Students electing this course are advised to take Physics 1 and 2.)
Tu., 2–5, Thu., Fri., 9.30, Chemical Laboratory, Professor Doughty, and Dr. Zinn.

Elective for Sophomores.

MORRIS PRATT MEMORIAL DORMITORY

4. Qualitative analysis; reactions and detections of the common metallic and acidic ions.

Two hours of class-room work and three hours laboratory work each week. (Chemistry 1, 2, and 3 requisite.)

Tu., 2–5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY, and DR. ZINN.

Elective for Sophomores.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Six hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2–4, Wed., Thur., 10.30–12.20, Chemical Laboratory, DR. ZINN.

Elective for Juniors.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Three hours class-room work and three hours laboratory work each week. (Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2–4, Wed., Thur., 10.30, Chemical Laboratory, PROFESSOR DOUGHTY.

Elective for Seniors.

ECONOMICS

1, 2. Outlines of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 3 and 5, PROFESSORS CROOK and CLARK.

Elective for Juniors.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.

Elective for Seniors.

5. Economic History of the United States.

(Economics 1 and 2 requisite.)

Tu., Sat., 10.30, Wed., 3, Chapel 3, Professor Clark.

Elective for Seniors.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, Professor Crook.

Elective for Seniors.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)

Tu., Sat., 10.30, Wed., 3, Chapel 3, Professor Clark.

Elective for Seniors.

The Department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

ENGLISH

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; five plays of Shakespeare, a Greek tragedy, the English Bible, essays of Carlyle and Stevenson, poems of Burns and Tennyson; themes and reports.

A. Mon., Wed., Fri., 11.30, Williston 1, Professor Utter.

B. Tu., 2, Thu., Fri., 8.35, Walker 8, Professor Andrews.

C. Mon., Wed., 9.30, Fri., 3, Walker 8, Professor Andrews.

D. Mon., Wed., 9.30, Fri., 3, Williston 1, Professor Utter.

F. Mon., Wed., Fri., 11.30, Walker 8, Professor Andrews.

Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the nineteenth century.

A. Tu., Sat., 10.30, Wed., 3, Professor Hamilton.

B. Mon., Fri., 10.30, Wed., 2, Williston 1, Professor Hamilton.

Elective for Sophomores.

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker 7, Professor Genung.
Elective for Juniors.

9, 10. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Fri., 10.30, Wed., 2, Walker 7, Professor Churchill.
Elective for Juniors.

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

Mon., and Fri., 10.30, Wed., 2, Walker 7, Professor Churchill.
(Omitted in 1913–1914.)
Elective for Juniors.

13, 14. The English Novel; its form and development.

Mon., 2, Wed., Thu., 10.30, Williston 1, Professor Utter.
(Omitted in 1913–1914.)
Elective for Juniors.

15. Elizabethan Literature, 1557–1604; study of lyric and dramatic poetry; early English prose.

Mon., 2, Wed., Thu., 10.30, , Williston 1, Professor Hamilton.
Elective for Juniors.

16. English Literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

Mon. 2, Wed., Thur., 10.30, Williston 1, Professor Hamilton.
Elective for Juniors.

17, 18. Advanced Composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., Sat., 9.30, Thu., 3, Williston 1, Professor Utter.

19, 20. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)

Thu., Fri., 9.30, Tu., 3, Walker 13, Professor Churchill.

Elective for Seniors.

21. American Literature.

Mon., 2, Wed., Thu., 10.30, Walker 8, Professor Andrews.

Elective for Juniors.

22. Recent authors, English and American.

Mon., 2, Wed., Thu., 10.30, Walker 8, Professor Andrews.

Elective for Juniors.

23. Old English (Anglo Saxon). Cook-Siever's *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of Old English.

(Omitted in 1913–1914.) Professor Churchill.

24. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales;* lectures on the history of Middle English and its development into Modern English; Sweet's *Second Middle English Primer.*

Wed., Thu., 10.30, Mon., 2, Walker 13, Professor Churchill.
(Omitted in 1913–1914.)

25. Old English Literature. This course is given in alternate years with the linguistic course, 23, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, Professor Churchill.
(Omitted in 1913–1914.)

Elective for Juniors.

26. Middle English Literature. This course is given alternate years with 24. Special attention is paid to Middle English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, Professor Churchill.
(Omitted in 1913–1914.)
Elective for Juniors.

GEOLOGY

1. Structural and dynamical geology and physiography.

Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, Professor Emerson.
Elective for Juniors.

2. Historical geology, paleontology.

For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.
Mon., Wed., Fri., 11.30, Geological Laboratory, Professor Emerson.
Elective for Juniors.

3. Field and laboratory geology.

Two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.
(Geology 1 and 2 requisite.)
Geological Laboratory, Professor Emerson.
Elective for Seniors.

4. Mineralogy continued until the weather allows field work, then a survey of an area of massive or crystalline rocks.

Two full afternoons a week.
(Geology 1 and 2 requisite.)
Geological Laboratory, Professor Emerson.
Elective for Seniors.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)
Fri., 2, Geological Laboratory, PROFESSOR EMERSON.
Elective for Seniors.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)
Elective for Seniors.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)
Geological Laboratory, PROFESSOR EMERSON.
(Laboratory hours in courses 3 to 8 are arranged with the teacher.)
Elective for Seniors.

GERMAN

1, 2. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections. *Equivalent to entrance German A.*

A. Mon., Fri., 10.30, Wed., 2. Barrett 3, PROFESSOR EASTMAN.
B. Tu., 2, Thu., Fri., 8.35, Barrett 4, PROFESSOR MANTHEY-ZORN.

3, 4. Prose composition, with review of grammar; reading modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

A. Mon., Fri., 10.30, Wed., 2, Barrett 4, PROFESSOR MANTHEY-ZORN.
B. Tu., 3, Thu., Fri., 9.30, Barrett 3, PROFESSOR EASTMAN.

5a. Goethe's dramas; lectures and essays.

Tu., 2, Thu., Fri., 8.35, Barrett 3, PROFESSOR EASTMAN.

5b. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

Tu., 3, Thu., Fri., 9.30, Barrett 3, PROFESSOR EASTMAN.
Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

7, 8. The German novel of the nineteenth century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, Professor Eastman.

Elective for Sophomores.

9, 10. Modern German drama.

Tu., Sat., 8.35, Thu., 2, Barrett 4, Professor Manthey-Zorn.
(Omitted in 1913–1914.)
Courses 7, 8 are given alternate years with courses 9, 10.

Elective for Sophomores.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

Elective for Juniors.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.
Hours arranged at the convenience of instructor and students.

Elective for Juniors.

GREEK

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Sat., 8.35, Chapel 1, Professor Elwell.

Elective for Freshmen.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Tu., 3, Thu., Fri., 9.30, Chapel 1, Professor Elwell.
Greek A, B and C are given to three or more students on application.
To obtain credit for a year course, those who complete Greek C should take Greek 2.

Elective for Freshmen.

1. Homer, *Odyssey.*

2. Plato, *Apology* and *Crito.*

Mon., Wed., Fri., 11.30, Chapel 1, Professor Elwell.

Elective for Freshmen.

3. Greek tragedy, Sophocles, *Antigone;* Euripides, *Alcestis;* lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

4. Introduction to Greek Philosophy, selections from Plato and Aristotle; lectures and reports.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

5. Epic poetry; Homer, *Iliad*, rapid reading; Apollonius Rhodius, *Argonautica* III: lectures and reports.

Mon., Wed., Fri., 11.30, Williston 4, Professor Smith.
Elective for Juniors.

6. Lucian; selections; the Greek romance.

Mon., Wed., Fri., 11.30, Williston 4, Professor Smith.
Elective for Juniors.

7. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology.

Williston 3, Professor Smith.
Elective for Seniors.

8. Greek drama; Aeschylus, Aristophanes and Menander.

Hours at convenience of instructor and students, Professor Smith.
Elective for Seniors.

9. The Greek historians: Herodotus, Thucydides.

Mon., Wed., 8.35, Fri., 2, Chapel 1, Professor Elwell.
Elective for Juniors.

10. The New Testament; the Acts of the Apostles.

Mon., Wed., 8.35, Fri., 2, Chapel 1, Professor Elwell.
Elective for Sophomores.

11. Greek prose composition, with study of other topics of interest to students intending to teach classics.

A half course, one and one-half hours a week, open with permission of the instructor to Seniors and specially qualified Juniors. Greek 11 and Latin 12 taken together receive credit as a semester course, and with a semester of Latin or Greek may be counted as a year's course. Professor Smith.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 8, Professor F. L. Thompson.
Elective for Sophomores.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 8, Professor F. L. Thompson.
Elective for Sophomores.

3. English history, 1066–1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

5. American history, 1492–1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Mon., Wed., 9.30, Fri., 3, Walker 13, Professor Gallinger.
(Not given 1913–1914.)
Elective for Juniors.

6. American history 1750–1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Mon., Wed., 9.30, Fri., 3, Walker 13, Professor Gallinger.
(Not given 1913–1914.)
Elective for Juniors.

9. European history, 1648–1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Mon., Wed., 8.35, Fri., 2, Walker 14, Professor Gallinger.
Elective for Seniors.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and Germany; social and industrial progress; the expansion of Europe.

Mon., Wed., 8.35, Fri., 2, Walker 14, Professor Gallinger.
Elective for Seniors.

11. Political and constitutional history of the United States to the election of Jackson, 1783–1828.

Tu., 2, Thu., Fri., 8.35, Walker 14, Professor F. L. Thompson.
Elective for Seniors.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri., 8.35, Walker 14, Professor F. L. Thompson.
Elective for Seniors.

HYGIENE AND PHYSICAL EDUCATION

1, 2. Personal hygiene, lectures on fundamental laws affecting health. Physical exercise, in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Tu., Thu., Sat., 11.30, Gymnasium.
Freshmen unable to swim are required to take (B).

3, 4. Physical exercises in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B)
Tu., Thur., Fri., 5, Gymnasium.

5, 6. Physical exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

Tu., Thu., Fri., 4, Gymnasium.

LATIN

1. Cicero, *De Senectute* or *De Amicitia:* Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes:* Ovid, *Metamorphoses.*

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, Professor Houghton.
B. Tu., Sat., 8.35, Thu., 2, Chapel 6, Professor Bennett.
C. Mon., Wed., 9.30, Fri., 3, Chapel 6, Professor Bennett.
D. Mon., Wed., Fri., 11.30, Chapel 6, Professor Bennett.
E. Mon., 2, Wed., Thu., 10.30, Chapel 2, Professor Houghton.
F. Mon., 2, Wed., Thu., 10.30, Chapel 6, Professor Bennett.

Required course for Freshmen.

3. Platus, *Trinummus;* Terence, *Adelphoe*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania.* Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

Tu., Sat., 8.35, Thu., 2, Williston 4, Professor Cowles.
Tu., Sat., 9.30, Thu., 3, Chapel 6, Professor Bennett.

Elective for Sophomores.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

Tu., 3, Thu., Fri., 9.30, Williston 4, Professor Cowles.

Elective for Juniors.

6. Prose writers of the Silver Age: Tacitus, Quintilian, Seneca, Petronius.

Tu., 3, Thu., Fri., 9.30, Chapel 2, Professor Houghton.

Elective for Juniors.

7. Lucretius. Criticism and interpretation of the *De Rerum Natura*, with emphasis on the philosophic content.

Tu., 3, Thu., Fri., 9.30, Chapel 2, Professor Houghton.

Elective for Juniors.

8. Apuleius, *Cupid and Psyche; Metamorphoses;* Vergil, *Aeneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poets' influence on subsequent literature.

Tu., 3, Thu., Fri., 9.30, Williston 4, Professor Cowles.

Elective for Juniors.

12. Latin Prose Composition, with the study of other topics of interest to students intending to teach the classics.

A half course, one and one-half hours a week, open with the permission to the instructor of Seniors and specially qualified Juniors. Latin 12 and Greek 11 together count as a semester course, and with a semester of Latin or Greek may be counted as a year course. Professor Cowles.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Those who at entrance have presented credit for Mathematics

b, d, and f are not required to take Mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who have presented one point credit in advanced Mathematics are required to take a year of Mathematics in college and should elect Mathematics 11 and 2.

Those who have presented $\frac{1}{2}$ point credit in advanced Mathematics are required to complete Mathematics 1 and 2.

A. Tu., Sat., 9.30; Mon., 4, Thu., 3.; Walker 5, Professor Olds.
B. Tu., Sat., 8.35; Mon., Thu., 2; Walker 5, Professor Esty.
C. Tu., Sat., 10.30; Mon., Wed., 3; Walker 2, Professor Cobb.
D. Tu., Sat., 8.35; Mon., Thu., 2; Walker 2, Professor Cobb.
E. Tu., Sat., 10.30; Mon., Wed., 3; Walker 5, Professor Parker.
Required Course for Freshmen.

3. Analytical geometry continued; introduction to calculus.

Mon., Wed., Fri., 11.30, Walker 2, Professors Esty and Cobb.
Elective for Sophomores.

4. Differential and integral calculus.

Mon., Wed., Fri., 11.30, Walker 2, Professors Olds and Cobb.
Elective for Sophomores.

5. Calculus continued; introduction to differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professors Olds and Parker.
Elective for Juniors.

6. Vector analysis, with special applications to analytical mechanics.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.
Elective for Juniors.

7. Analytical mechanics; differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.
Elective for Seniors.

8. Advanced analytical geometry and advanced integral calculus.

(Omitted 1912–1913.)
Mon., Wed., 8.35, Fri., 2, Walker 2. Professor Olds.
Elective for Seniors.

10. Introduction to the theory of functions.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Olds.
Course 10 is given alternate years with Course 8.
Elective for Seniors.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of Descriptive Geometry, Drawing and Lettering.

(Solid Geometry requisite.)
Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.

12. Advanced Descriptive Geometry.

(11 requisite.)
Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.

13. Descriptive Geometry of Warped Surfaces.

(11, 12 requisite.)
Thu., Fri., 9.30, Tu., 3, Walker 11, Professor Parker.

14. Mechanical Drawing.

(11 requisite.)
Thu., Fri., 9.30, Tu., 3, Walker 11, Professor Parker.

MODERN GOVERNMENT AND INTERNATIONAL LAW

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and circumstances; governments as single or federal, as monarchic, aristocratic, or democratic, as constitutional or arbitrary.

Tu., Sat., 8.35, Thu., 2, Walker 12, Professor Grosvenor.
Elective for Juniors.

3. Existing governments, national, municipal, and local, in the states of Europe and America and in Japan, China, India and Australia.

Mon., Wed., 9.30, Fri., 3, Walker 12, Professor Grosvenor.
Elective for Seniors.

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(Course 3 requisite.)
Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of people is investigated to ascertain the influence of such condition upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*, Wilson's *The State*. Lawrence's *International Law*.
Mon., Wed., 9.30, Fri., 3, Walker 12, Professor Grosvenor.
Elective for Seniors.

MUSIC

1, 2. Theory of Music; harmony.

Mon., Wed., Fri., 11.30, Music Room, Professor Bigelow.
(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu. 7.30.)
Elective for Sophomores.

3, 4. The art of Music, its development and forms; appreciation of masterpieces.

Chorus and orchestra as above. (1, 2 not prerequisite.)
Mon., Wed., 8.30, Fri., 2, Professor Bigelow.
Elective for Sophomores.

5, 6. The Music Dramas of Richard Wagner. *Die Meistersinger, Der Ring des Nibelungen, Parsival* etc., as time may permit.

Tu., Thu., Sat., 11.30, Music Room, Professor Bigelow.

This course may be used to complete a major in either Music or German.
Pianos and a large orchestrelle are placed at the disposal of students taking these courses.
Elective for Juniors.

7, 8. Chorus and Orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu., 7.30, Professor Bigelow.

During the college year two large works are given, the first by the combined choruses and orchestras of Amherst and Smith Colleges; the second by the student chorus and orchestra, assisted by local and neighboring singers. Soloists and players from the Boston orchestras assist at each performance. The works to be studied are chosen from the following list, all of which have been repeatedly given in previous years: The Creation, Seasons, Messiha, Elijah, St. Paul, Hymn of Praise, Requiem Mass, etc.

Two rehearsals, amounting to an average of three hours a week are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a major or a minor subject. Special registration at the Registrar's office is required for Courses 7 and 8.

College Choir

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

PHILOSOPHY

1. Logic. Study of the aims and methods of thinking

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, Professors Meiklejohn and Toll.

Elective for Sophomores.

2. Ethics. A study of the nature and significance of conduct.

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, Professor Newlin.

Elective for Sophomores.

3. Psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Wed., 9.30, Fri., 3, Walker 10, Professor Toll.

Elective for Juniors.

4. Advanced psychology. A detailed study of some of the problems and theories of modern psychology.

Mon., Wed., 9.30, Fri., 3, Walker 10, Professor Toll.

Elective for Juniors.

5. History of ancient philosophy. Lectures, readings and discussions.

1, 2 requisite.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Newlin.

Elective for Juniors.

6. History of modern philosophy. Lectures, readings and discussions.

1, 2 requisite

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Toll.

Elective for Juniors.

7. Philosophy. A study of political ethics with special reference to its bearing on social problems; æsthetics; philosophy of religion.

1, 2 requisite

Mon., 2, Wed., Thu., 10.30, Walker 10, Professor Newlin.

Elective for Seniors.

8. Social ethics (seminar). A study of philosophical principles in their application to the modern problems of philanthrophy, industry and social life.

1, 2 requisite

Mon., 2, Wed., Thu., 10.30, Walker 10, Professor Newlin.

Elective for Seniors.

Instructor's approval requisite to election of this course.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON and WESTHAFER.

Elective for Sophomores.

3. Electricity and magnetism, with special emphasis on methods and principles of measurement.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR J. O. THOMPSON. (1, 2 requisite, Mathematics 3, 4 desirable.)

Physics 3 may be followed by 8 instead of 4, in case of advanced students in chemistry who have taken Mathematics, 3, 4.

Elective for Juniors.

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

(Mathematics 3, 4 desirable.)

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSORS KIMBALL and J. O. THOMPSON.

Elective for Juniors.

The courses below are open to those who have taken 3, 4. They need not be taken in the order indicated; 5, 7, or 9, may be combined with 6, 8, or 10.

5. Double refraction; electromagnetic theory of light and electric waves; electric discharge through gases; radioactivity.

(Mathematics 3 and 4 requisite.)

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR KIMBALL.

6. Dynamo-electric machinery, and theory of alternating currents of electricity.

(Mathematics 3 and 4 desirable.)

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR J. O. THOMPSON.

7. Electric waves.

(Mathematics 3, 4 requisite.) Professor Westhafer.

8. Thermodynamics applied to problems in physical chemistry.

(Mathematics 3, 4 requisite.)

Physical Laboratory, Professor Westhafer.

9, 10. Advanced laboratory work. Selected experiments. (Six hours per week in the laboratory.)

Professor Kimball.

Hours for Courses 7, 8, 9, 10 are scheduled at the convenience of the instructor and students.

PUBLIC SPEAKING

2. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Chapel 7, Professor Corsa.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Professor Corsa.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussion; speeches.

Tu., Sat., 8.35; Thu., 2, Chapel 7, Professor Corsa.

Elective for Juniors.

7. Debates on social, economic, historical, and political questions.

Tu., 4, Chapel 7, Professor Corsa.

This is a one-hour course continuing till the end of the first semester

Any elective course may be taken in place of debates the first semester of Senior year, with credit for a one-hour course. All students selecting course 7 who have not previously taken course 5 must enter the course on or before October 1.

Elective for Seniors.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation. *Equivalent to Entrance French A.*

A, B, Tu., 2, Thu., Fri., 8.35, Barrett, 5, 7.

C, D, Mon., 2, Wed., Thu., 10.30, Barrett, 5, 7.

Professor Stowell and Mr. Bussòm.

Elective for Freshmen.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation. *Equivalent to Entrance French B.*

A, B, Tu., 3, Thu, Fri., 9.30, Barrett, 5, 7, 8.

C, D. Tu., Sat., 8.35, Thu., 2, Barrett, 5, 7, 8, Professors Lancaster and Stowell and Mr. Bussòm.

Elective for Freshmen.

5, 6. French Classics of the seventeenth, eighteenth and nineteenth centuries.

A. Tu., Sat., 9.30, Thu., 3, Barrett 8, Professor Lancaster.

B, Tu, Sat., 10.30, Wed., 3, Barrett 8, Professor Lancaster.

Elective for Freshmen.

7, 8. The Novel, from Rabelais to Zola.

(5 and 6 requisite.)

Tu., 2, Thu., Fri., 8.35, Barrett 7, Professor Stowell.

Elective for Sophomores.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.) Tu., Thu., Sat., 11.30, Barrett 2, Professor Lancaster.

Elective for Juniors.

10. The Contemporary Novel.

(9 requisite.)
Tu., Thu., Sat., 11.30, Barrett 2, Professor Stowell.
Elective for Juniors.

11, 12. Literary Monuments of Old and Modern French.

Given on application of three or more students who have completed 9, 10. (Omitted 1913–1914.)
Professors Lancaster and Stowell.
Elective for Seniors.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

Tu., Sat., 9.30, Thu., 3, Barrett 6, Professor Baxter.
Elective for Sophomores.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamcrone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Tu., Thu., Sat., 11.30, Barrett 6, Professor Baxter.
(Omitted 1913–1914.)
Elective for Juniors.

5, 6. Dante, *Vita Nuova, Divina Commedia* (Scartazzini); lectures on Dante.

Tu., Thu., Sat., 11.30, Barrett 6, Professor Baxter.
Elective for Juniors.

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1 and 2 requisite; may not be taken the same year as Italian 1, 2.)
Mon., Wed., 9.30, Fri., 3, Barrett 6, Professor Baxter.
Elective for Sophomores.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. The formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; the stress of prophecy.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

3. Post-exilic literature; coming of the Son of Man, and characteristics of His word and work.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.
(Courses 3, 4 omitted 1913–1914.)

Elective for Juniors.

BIOLOGY

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, PROFESSOR TYLER.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, PROFESSOR TYLER.

Elective for Freshmen.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. PROFESSORS TYLER AND LOOMIS.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.

Elective for Freshmen.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR TYLER.
B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, PROFESSOR TYLER.
Elective for Sophomores.

4. Evolution and distribution of the vertebrates.

(Biology 3 requisite.)
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR LOOMIS.
B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, PROFESSOR LOOMIS.
Elective for Sophomores.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)
Mon., Wed., Fri., 11.30, Appleton 3, PROFESSOR GOODALE.
(Omitted in 1913–1914.)
Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types elected as representatives of the main groups of plants.

Mon., Wed., Fri., 11.30, Appleton 3, PROFESSOR GOODALE.
Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.
Elective for Juniors.

3, 4. Spanish literature of the sixteenth and seventeenth centuries; the novel, the drama and the ballads.

Tu., 3, Thu., Fri., 9.30, Barrett 6, PROFESSOR BAXTER.

Elective for Juniors.

THE HENRY WARD BEECHER LECTURESHIP

This lectureship is named in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

THE KELLOGG LECTURESHIP

Preserved Smith, Ph.D., Kellogg University Fellow (see page 108), lectures on *Albrecht Dürer.*

THE CLYDE FITCH FUND

Of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch, of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

WILLIAM BREWSTER CLARK MEMORIAL LECTURESHIP

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M. D., of the class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the college in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE HENRY T. MORGAN LIBRARY

The library contains about one hundred and seven thousand volumes. The funds available for the increase of the library yield an annual income of about seven thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the several departments.

Members of the College are allowed free access, to the book shelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M., every day except Sun-

days and holidays. During vacations the library and reading-room are open daily, except Saturday, from 10 to 12 and from 2 to 4.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall and the vestibule and stairway leading to it has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is open every week-day, while College is in session from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, also in Williston Hall, possess many casts in bronze and plaster, as well as collections of photographs,

engravings, and stereopticon slides. In the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Henry Lobdell, D.D., of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

FAYERWEATHER LABORATORY

The Fayerweather Chemical Laboratory contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a lecture-room, and adjoining is a room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the workroom of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The Fayerweather Physical Laboratory has on the main floor a lecture room and an apparatus room with a collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a workshop and dynamo room, with steam and water power.

BIOLOGICAL AND GEOLOGICAL LABORATORIES

The biological and geological laboratories occupy a large building on the south side of the campus. On the first floor is the biological museum and on the second floor the geological and mineralogical museum. There are lecture rooms, laboratories, and working rooms, on both floors and in the basement.

The geological museum comprises the Woods Cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the Hitchcock Ichnological collection, named after President Hitchcock, containing over twenty thousand tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farnam, LL.D., of the class of 1855, are in the biological museum.

APPLETON CABINET

Appleton Cabinet contains the botanical laboratory, the astronomy recitation room, the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by gifts from Alumni.

THE OBSERVATORY

The new observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-

fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin and Greek lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building erected in 1859, was the first college gymnasium in this country. It was named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages.

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, was erected in 1828. In addition to Johnson Chapel, where morning prayers are conducted, it contains eight recitation rooms.

THE COLLEGE CHURCH

The College Church, the gift of the late William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratories rendered, public lectures given, and student mass-meetings assembled.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the department. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and

twenty-two wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one-third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

HITCHCOCK MEMORIAL FIELD

The large open field of forty acres situated south of the gymnasium has been named Hitchcock Memorial Field in memory of Edward Hitchcock, M.D., LL.D., who was for fifty years Professor of Physical Education and Hygiene at Amherst College.

The field slopes toward the south, with a difference of elevation of about 100 feet from the Pratt Gymnasium to the railroad. The upper part of the field is the steeper, with a very quick slope close to the Natatorium.

The field is designed to provide an exercising ground for the entire college. Intercollegiate sports will continue, as at present, on the specially arranged and well-equipped Pratt Field. The Pratt Gymnasium and Natatorium is naturally the center of interest and a starting point for those using Hitchcock Field. In the plan it is made the central feature, from which walks will lead to all parts of the field. To the south two walks, on either side of the gymnasium, will lead across three terraces to the large fields for baseball, football, or soccer and a quarter-mile straightaway running track near the southern boundary. To the east the walks will lead down to an oval quarter-mile running track, 100-yards and 220-yards dash, and the straightaway running course.

The plan of development contemplates three terraces 120 feet in width, the central portion to be grassed and used for gymnastic class work or smaller sports. On the sides 36 gravel tennis courts and 6 basketball courts can be arranged. It will be possible to secure, in addition, 5 ball fields, 6 football or soccer fields, a quarter-mile oval and a quarter-mile straightaway, 100-yards and 200-yards dash, a one mile cross country run, jumping boxes, hurdles, skeeing, sliding, and lacrosse. Skating can be secured by making ice on the level fields after the ground is frozen. When fully completed, the field will accommodate at one time about 300 men, all exercising in some portion of the grounds. Approximately one-sixth of the field has been completed and the remainder of the work will be pushed forward as rapidly as funds can be secured.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class

of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two or three students.

Morris Pratt Memorial Dormitory was given by Mr. and Mrs. Charles M. Pratt as a memorial to their son, who was for a time a member of the class of 1911. The rooms are arranged on the plan of a study with two bedrooms, and single rooms.

The building is one of the best examples of the modern college dormitory. The construction is fireproof throughout.

There is a large and beautiful resort room on the first floor. The rooms are arranged either as single rooms, or in suites of a study and either one or two bedrooms.

The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The rooms are unfurnished. The floors are hardwood, and may be left uncarpeted and used with rugs. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to engage the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class. Application for rooms should be made to the Treasurer.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

MORRIS PRATT MEMORIAL DORMITORY

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

$60, North College, Nos. B, E; South College, 11, C.

$65, South College, B.

$70, Morris Pratt Memorial Dormitory, Nos. 110, 111.

$80, South College, No. 14; Morris Pratt Memorial Dormitory, Nos. 102, 103, 210, 211, 310, 311.

$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32; Morris Pratt Memorial Dormitory, Nos. 202, 203, 302, 303.

$95, South College, Nos. 18, 19, 25, 28.

$100, North College, Nos. 2, 17; South College, Nos. 2: 17.

$110, North College, Nos. 13, 30; South College, No. 13.

$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

$125, South College, Nos. 22, 23, 26, 27.

$135, North College, Nos. 6, 21; South College, Nos. 6, 21.

$140, Morris Pratt Memorial Dormitory, No. 410.

$150, Morris Pratt Memorial Dormitory, No. 402.

$160, Morris Pratt Memorial Dormitory, Nos. 405, 406, 407, 408.

$175, South College, Suite 14, 14A, and 14B.

$180, Morris Pratt Memorial Dormitory, Nos. 401, 404, 409, 412.

$185, South College, Suite, 10, 10A, and 10B.

(10 B at $45 may be rented with 11 as a suite at $105. 14 B at $45 may be rented with 15 as a suite at $100.)

$200, Morris Pratt Memorial Dormitory, Nos. 105, 108, 205, 206, 207, 208, 305, 306, 307, 308.

$225, Morris Pratt Memorial Dormitory, Nos. 101, 104, 109, 112, 201, 204, 209, 212, 301, 304, 309, 312.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN FOR 1913

Frederick Leslie Cadman
Louis Goldsborough Caldwell
*Raymond Witherspoon Cross
Paul Francis Good
George Remington Havens, Jr.
*Frederick John Heinritz
John Munro Jaqueth
*Allison Wilson Marsh
George Daniel Olds, Jr.
*Frederick Russell Pope
Herbert Hammond Pride
George Scatchard
*Lewis Dayton Stilwell
Raymond Worthington Stone
Clarence Leon Tappin

The Bond Prize was awarded in 1913 to Frederick Russell Pope.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a grade of 88 are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a grade of 85 are, on recommendation of the Faculty, elected members of the society.

*Selected by competition as Commencement Speakers.

PHI BETA KAPPA 1913

President: PROFESSOR GEORGE D. OLDS, LL.D.
Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.
Recording Secretary: RALPH A. LAWRENCE.

First Drawing, Class of 1914
Ralph Alphonso Lawrence

Second Drawing, Class of 1913

Harold Gates Allen
Frederick Leslie Cadman
Raymond Witherspoon Cross
George Remington Havens
Frederick John Heinritz
John Munro Jaqueth
Allison Wilson Marsh
Herbert Hammond Pride
Lewis Dayton Stilwell
Raymond Worthington Stone
Clarence Leon Tappin

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete the last four semester courses. The three semester courses in Modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of 80 must be maintained. In History the Junior courses 3–4 5–6, or 9–10, may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 in all studies of the college course; an average standing of not less than 75 in each study of Senior year, and of 90 in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

FINAL HONORS 1912–1913

Paul Francis Good	*Mathematics*
Frederick John Heinritz	*Chemistry*
Ralph Wells Westcott	*Modern Government and International Law*

HONORABLE MENTION

(1) There must be a standing of not less than 75 in every department for the year.

(2) An average of 93 must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

HONORABLE MENTION
1912–1913

Biblical Literature

1913	Frederick Leslie Cadman	1913	Henry Smith Leiper

Biology

1914	Sidney Dakin Chamberlain	1915	Philips Foster Greene

Chemistry

1913	Timothy Joseph Burns	1914	Ralph Alphonso Lawrence
1915	Louis Franklin Eaton	1915	Sidney Raymond Packard
	1916 Charles Hanchett Hitchcock		

Economics

1913 Frederick Leslie Cadman
1913 Paul Francis Good
1913 Irving Edward Richard

English

1913 Irving Edward Richard
1914 Walter Raymond Agard
1914 Frank Halliday Ferris

French

1914 Frank Clifford Finch
1914 Ralph Alphonso Lawrence
1914 Cameron Whiteford
1915 Sidney Raymond Packard
1915 Hollis Winslow Plimpton
1916 Charles Hanchett Hitchcock

Geology

1913 Arthur Hazard Bond
1914 Sidney Dakin Chamberlain
1914 Alfred Edward Mallon

German

1914 Walter Raymond Agard
1915 Frederick Crosby Allen
1916 Charles Hanchett Hitchcock

Greek

1913 Harold Gates Allen
1914 Walter Raymond Agard

History

1913 Frederick Russell Pope

Latin

1914 Walter Raymond Agard
1914 Mervin Washington Bliss
1914 Percival Floyd Bliss
1914 John Tilney Carpenter
1914 Frank Halliday Ferris
1915 Sidney Raymond Packard
1915 Hollis Winslow Plimpton
1915 Kenneth Whittemore Banta
1916 William Goodwin Avirett

Mathematics

1913 Stuart Franklin Heinritz
1913 Paul Francis Good
1914 Mervin Washington Bliss
1914 Frank Clifford Finch
1914 Ralph Alphonso Lawrence
1915 Frederick Crosby Allen
1915 George Leon Cutton
1915 Everett Webb Fuller
1915 Hollis Winslow Plimpton
1915 George Keyes Ripley
1916 Charles Hanchett Hitchcock
1916 Humphrey Fuller Redfield

Modern Government

1913 Harold MacMillan Bixby
1913 Allison Wilson Marsh
1913 Albert Millard Morris
1913 Raymond Worthington Stone
1913 Hobart Pond Swanton

Music

1913 Albert Louis Stirn
1915 Philips Foster Greene

Physical Education

1914 Sidney Dakin Chamberlain
1915 Kenneth Whittemore Banta
1915 Philips Foster Greene

Physics

1913 Stuart Franklin Heinritz
1914 Ralph Alphonso Lawrence
1915 Louis Franklin Eaton
1915 Sidney Raymond Packard
1915 Hollis Winslow Plimpton
1915 George Keyes Ripley
1915 Homer Morgan Smith

Prizes

THE following prizes are offered annually for proficiency in the work of several departments of collegiate study:

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Divided equally in 1913 between John Tilney Carpenter of the Class of 1914, and Leslie Matheson Hickson of the Class of 1914.

LATIN

The Bertram Prizes, of fifty dollars each, given by the late John Bertram of Salem. For the year 1913–1914, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Aeneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

Awarded in 1913 to John Tilney Carpenter of the Class of 1914, and Philip West Payne of the Class of 1914.

Two Junior Prizes, of thirty dollars each. For the year 1913–1914, one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1913 to Percival Floyd Bliss of the Class of 1914, and Leslie Matheson Hickson of the Class of 1914.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of

the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1913 the sum of the two prizes was divided equally between Walter Raymond Agard of the Class of 1915, and Sidney Raymond Packard of the Class of 1915.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1913, first prize to Lewis Mansfield Knapp of the Class of 1916; second prize to William Gates, Jr., of the Class of 1916.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

Awarded in 1913 to Joseph Lyons Snider of the Class of 1915, and John Uhrich Reber of the Class of 1916.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1913: first prize to Lewis Dayton Stilwell of the Class of 1913; second prize to Henry Smith Leiper of the Class of 1913.

In 1912, one of the Hardy prizes was won by Wayland Hall Sanford of the Class of 1912, whose name was inadvertently omitted from the list of prize winners in the catalogue of that year.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1913 to Frederick Russell Pope of the Class of 1913.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

Awarded in 1913 to Frederick Russell Pope of the Class of 1913.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the Class of 1875, for the best essay upon one of the subjects announced by the English department.

Awarded in 1913 to Henry Smith Leiper of the Class of 1913.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

Awarded in 1913 to Henry Smith Leiper of the Class of 1913.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Divided equally in 1913 among Sidney Dakin Chamberlain, Maurice Frederick Childs, Royal Firman, Merrill Stanton Gaunt, John Cuthbert Long, Hallock Luce, Jr., George Verdi Morse, and John Windrum Strahan, Jr.

The Armstrong Prizes, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1913: first prize to Eugene Stinson of the Class of 1916; second prize to William Goodwin Avirett of the Class of 1916; third prize to Edwin Henry Lutkins of the Class of 1916.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the Class of 1879. For the year 1913–1914 the prize will be assigned for the best work in the English course, 9 and 10, together with the best examination upon certain special work.

Awarded in 1913 to Frank Halliday Ferris of the Class of 1913.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

Awarded in 1913: first prize to Edward Stiles Morse of the Class of 1913; second prize to George Daniel Olds, Jr., of the Class of 1913; third prize to Frederick John Heinritz of the Class of 1913.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Awarded in 1913: first prize to Alfred Hamlin Washburn of the Class of 1916; second prize to Lowell Cady of the Class of 1916.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1913: first prize to George Keyes Ripley of the Class of 1915; second prize to George Leon Cutton of the Class of 1915.

The award in each case is determined by an examination.

The Porter Prizes, of twenty dollars for proficiency in first year physics and astronomy, given by the late Eleazer Porter of Hadley.

Awarded in 1913 to Sidney Raymond Packard of the Class of 1915.

The A. C. James Prize, of fifty dollars, for proficiency in the study of navigation.

Awarded in 1913 to Arthur Hazard Bond of the Class of 1913.

A prize of thirty dollars, given by a member of the Class of 1884, for proficiency in the second year's course in physics.

Awarded in 1913 to Mervin Washington Bliss of the Class of 1914.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Awarded in 1913 to Howard Charles Harding of the Class of 1913.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

Awarded in 1913: first prize to Theodore Caldwell Edwards of the Class of 1916; second prize to Amzi Fisher Hoffman of the Class of 1916.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1912 to Lewis Mansfield Knapp of the Class of 1916 who prepared for college at the Groton, Mass., High School.

Awarded in 1913 to Morris Albert Copeland who prepared for College at the East High School, Rochester, N. Y.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the Class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

Awarded in 1913 to the Class of 1915.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Awarded in 1913 to Harold Philip Partenheimer of the Class of 1913.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1913 to the Class of 1913.

The prize for the best original song was divided equally between Julius Seelye Bixler and Lewis Mansfield Knapp, both of the Class of 1916.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90 to 100); of the second grade, to students whose average standing is B (80 to 89); of the third grade, to students whose average standing is C (70 to 79). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, $25,000.

The Class of 1871 Scholarship Fund, $25,000, established by a member of the Class.

The Moore Beneficiary Fund, $18,000, established by Rev. Zephaniah Swift Moore, D.D., first president of the college.

The William Hilton Scholarship Fund, $22,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, $11,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, $10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, $6,000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, $5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucus J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

Class of 1861 Scholarship Fund, $3000, established by the Class.

Class of 1880 Scholarship Fund, $3000, established by the Class.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Charles Merriam Scholarship Fund, $2400, established by Charles Merriam of Springfield.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, $2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, $2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, $2000, established by Warren F. Draper of the Class of 1847.

The Alexander H. Bullock Scholarship Fund, $1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, $1500, established by the Class.

The Class of 1853 Scholarship Fund, $1500, established by the Class.

The Class of 1871 Scholarship Fund, $1500, established by the Class.
The Class of 1855 Scholarship Fund, $1100, established by the Class.
The Class of 1826 Scholarship Fund, $500, established by two members of the Class.

Scholarship funds of $1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.
The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.
The George Cook Scholarship Fund, established by George Cook of the Class of 1841.
The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.
The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.
The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.
The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.
The Southworth Class of 1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.
The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.
The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.
The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.
The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.
The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.
The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.
The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.
The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.
The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

The John C. Kimball Class of 1854 Fund, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of $40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

The committee on student loans meets weekly for the consideration of student loans. Application blanks may be obtained at the Treasurer's office.

Enrollment

SENIOR CLASS

Bedford, Frederick Henry, Jr.	*Brooklyn, N. Y.*	5 Parsons Street
Bernero, Frank Ambrose	*New York, N. Y.*	Φ Δ Θ House
Beyer, Emil Henry	*South Hadley Falls, Mass.*	3 Northampton Road
Bliss, Mervin Washington	*Hooksett, N. H.*	K Θ House
Bliss, Percival Floyd	*Springfield, Mass.*	29 Amity Street
Brough, Frank Christopher	*Hackensack, N. J.*	K Θ House
Brown, Donald Howlett	*Minneapolis, Minn.*	Ψ Υ House
Buffington, Kenneth	*Kittanning, Pa.*	Ψ Υ House
Burdick, Percy Jay	*Ballston Spa, N. Y.*	3 Northampton Road
Butler, Earle Dudley	*Middletown, Conn.*	Α Δ Φ House
Carpenter, John Tilney	*New York, N. Y.*	Φ Δ Θ House
deCastro, Allen John	*New York, N. Y.*	X Φ House
Chamberlain, Sydney Dakin	*Springfield, Mass.*	X Φ House
Child, John Randall	*Morrisville, Vt.*	K Θ House
Childs, Maurice Frederick	*Heath, Mass.*	K Θ House
Cobb, Edward Sprague	*South Orange, N. J.*	X Φ House
Cohn, Edwin Joseph	*New York, N. Y.*	15 Amity Street
Cushman, Solomon Frederick, Jr.	*Monson, Mass.*	Β Θ Π House
Donohue, Jeremiah Joseph	*Lynn, Mass.*	Chemical Laboratory
Fallass, Charles Henry	*Petoskey, Mich.*	Chemical Laboratory
Ferris, Frank Halliday	*Ridgefield Park, N. J.*	K Θ House
Finch, Frank Clifford	*Endicott, N. Y.*	K Θ House
Firman, Royal	*Chicago, Ill.*	Δ Υ House
Gaunt, Merrill Stanton	*Methuen, Mass.*	X Ψ Lodge
Glann, Charles	*Cortland, N. Y.*	407 Morris Pratt Memorial Dormitory
Glass, Fred Everett	*Bangor, Maine*	Β Θ Π House
Greene, Walter Farrar	*Middletown, Conn.*	Α Δ Φ House
Gundaker, Guy Harry	*Oak Park, Ill.*	Θ Δ X House
Hall, Maynard Howes	*Ridgewood, N. J.*	Σ Δ Ρ House

Hanford, Robert Clinton	*Westfield, N. J.*	X Ψ Lodge
Hardy, Paul Wallace	*Amherst, Mass.*	15 Lincoln Avenue
Hersh, Austin Herman	*Elizabeth, N. J.*	
	105 Morris Pratt Memorial Dormitory	
Hickson, Leslie Matheson	*New York, N. Y.*	
	15 South Prospect Street	
Hough, John Kenneth	*Erie, Pa.*	Φ K Ψ House
Hubbard, Silas Graves	*Amherst, Mass.*	Φ Γ Δ House
Hubbard, Theodore Horace	*White Plains, N. Y.*	Φ K Ψ House
Hull, Allen Birdsall	*Brooklyn, N. Y.*	Ψ Υ House
Huthsteiner, Louis	*Schenectady, N. Y.*	X Ψ Lodge
Jackson, Frank Stanley	*Winthrop, Me.*	Φ Γ Δ House
Jewett, Harold Ernest	*Howard, R. I.*	K Θ House
Kimball, James Richard	*Orange, Mass.*	Δ K E House
Kimball, Richard Montague	*Foxboro, Mass.*	Δ K E House
Lawrence, Ralph Alphonso	*Shutesbury, Mass.*	Σ Δ P House
Lewis, Arthur John	*Whitman, Mass.*	Σ Δ P House
Livingstone, Colin	*Portland, Ore.*	Λ Δ Φ House
Long, John Cuthbert	*Brooklyn, N. Y.*	Θ Δ X House
Luce, Hallock, Jr.	*Riverhead, N. Y.*	
	17 South Prospect Street	
McGay, Walter Howard	*Oak Park, Ill.*	Δ Υ House
Mallon, Alfred Edward	*Minneapolis, Minn.*	
	203 Morris Pratt Memorial Dormitory	
Miller, Tilford Wentworth	*Hartford, Conn.*	Λ Δ Φ House
Mills, Charles Morris	*St. Louis, Mo.*	Λ Δ Φ House
Mitchell, John Houston	*New Britain, Conn.*	Δ K E House
Morrow, William Otway	*Allenhurst, N. J.*	X Φ House
Morse, George Verdi	*Berlin, Mass.*	Δ Υ House
Moulton, Charles Henry	*Brookfield, Mass.*	Φ K Ψ House
Murphy, Robert John	*Nora Springs, Iowa*	Φ Γ Δ House
Outwater, John Ogden	*New York, N. Y.*	Λ Δ Φ House
Payne, Philip West	*Omaha, Neb.*	Β Θ Π House
Renfrew, Franklin Ward	*Brooklyn, N. Y.*	Φ Δ Θ House
Richmond, Clinton Whitman	*North Adams, Mass.*	X Ψ Lodge
Rugg, Clarence DeWitt	*Greenfield, Mass.*	X Φ House
Rugg, Charles Parks	*Worcester, Mass.*	X Φ Annex
Seymour, Marlor Boardman	*Hartford, Conn.*	Λ Δ Φ House
Shattuck, Wendell Phillips	*Dundee, N. Y.*	Σ Δ P House
Shaw, Harold Eden	*Monson, Mass.*	Φ K Ψ House
Shrewsbury, Kenneth Oldham	*New York, N. Y.*	Φ Δ Θ House

Shumway, Lowell	*Brooklyn, N. Y.*	Σ Δ P House
Sicard, Hugh Charles	*New York, N. Y.*	5 Parsons Street
Smart, Daniel Stevenson	*Cambridge, N. Y.*	X Ψ Lodge
Smith, Frank Jonathan Ernest	*Holyoke, Mass.*	Chemical Laboratory
Smith, Walton Kimball	*Milwaukee,Wis.*	B Θ Π House
Stafford, Fred William	*Rutland, Vt.*	Φ K Ψ House
Strahan, John Windrum, Jr.	*Newark, N. J.*	105 Morris Pratt Memorial Dormitory
Suydam, Frederick Dorflinger	*Paterson, N. J.*	X Φ Annex
Taylor, Frederick Chamberlain	*Prescott, Mass.*	K Θ House
Taylor, Howard Scattergood	*Columbus, N. J.*	X Φ House
Tierney, John James	*Holyoke, Mass.*	Φ Γ Δ House
Tramontana, George Benedict	*Brooklyn, N. Y.*	408 Morris Pratt Memorial Dormitory
Van Ingen, Richard Storrs	*Brooklyn, N. Y.*	Φ Δ Θ House
Washburn, George Edward	*Boston, Mass.*	Δ Υ House
Whipple, Ralph Wheaton	*West Wrentham, Mass.*	Σ Δ P House
Whiteford, Cameron	*Detroit, Mich.*	33 Northampton Road
Whittemore, Ernest Arthur	*Worcester, Mass.*	Φ Γ Δ House
Wiltsie, George Harold	*Cortland, N. Y.*	Φ K Ψ House
Young, Roswell Philip	*Elmira, N. Y.*	Λ Δ Φ House

JUNIOR CLASS

Agard, Walter Raymond	*Austin, Tex.*	Λ Δ Φ House
Allen, Frederick Crosby	*Auburndale, Mass.*	K Θ House
Atwater, John Jacob	*Westhampton Beach, N. Y.*	Ψ Υ House
Bacon, Richard Hamlin	*Newton Highlands, Mass.*	Δ K E House
Bancroft, Richard	*Wellesley, Mass.*	Φ Δ Θ House
Banfield, Richard	*Austin, Minn.*	Φ K Ψ House
Banta, Kenneth Whittemore	*Binghamton, N. Y.*	Δ K E House
Barnes, William Gerald	*Brooklyn, N. Y.*	8 Spring Street
Bissinger, Frederick Maxwell	*San Francisco, Cal.*	Σ Δ P House
Blair, Francis Wesley	*Amherst, Mass.*	12 Northampton Road
Bratt, George Cleveland, Jr.	*Grand Rapids, Mich.*	Δ Υ House
Breckenridge, Warren Allen	*Omaha, Neb.*	B Θ Π House
Bronk, James Edmund	*Amsterdam, N. Y.*	Ψ Υ House
Bulger, Maurice Scott	*Uniontown, Pa.*	B Θ Π House
Cady, Fenimore	*Amherst, Mass.*	Λ Δ Φ House

Campbell, John Warnock	*Montclair, N. J.*	Β Θ Π House
Chapman, Frederick Leslie, Jr.	*Lake Geneva, Wis.*	Ψ Υ House
Clapperton, George Douglass	*Grand Rapids, Mich.*	Δ Υ House
Clark, Dwight Nelson	*Norfolk, Conn.*	Φ Δ Θ House
Cole, Harry Wing	*Saratoga Springs, N. Y.*	Χ Φ House
Cole, Joseph Gerald	*Brooklyn, N. Y.*	
	301 Morris Pratt Memorial Dormitory	
Conant, Hezekiah Nelson	*Pawtucket, R. I.*	Ψ Υ House
Cooper, Raymond Buxton	*Des Moines, Iowa*	Δ Κ Ε House
Craig, James Wallace	*Boston, Mass.*	
	301 Morris Pratt Memorial Dormitory	
Crilly, William Michael, Jr.	*Chicago, Ill.*	Θ Δ Χ House
Cross, John Theodore	*Utica, N. Y.*	Α Δ Φ House
Curry, Clarence Pratt	*Portland, Ore.*	Ψ Υ House
Cutler, David Sanford	*New York, N. Y.*	Α Δ Φ House
Cutton, George Leon	*Brockport, N. Y.*	Σ Δ Ρ House
Eastman, Gardner Pettee	*Orange, N. J*	Β Θ Π House
Eaton, Louis Franklin	*Brockton, Mass.*	Χ Φ Annex
Elliot, Arthur Henry	*Port Jefferson, N. Y.*	Φ Γ Δ House
Fuller, Everett Webb	*Brooklyn, N. Y.*	Χ Ψ Lodge
Fuller, Randolph Mercein	*Brooklyn, N. Y.*	Χ Ψ Lodge
Gail, George Philipp Landmann	*Roland Park, Md.*	Χ Ψ Lodge
Garfield, Edward Chandler	*York Village, Me.*	
	71 South Pleasant Street	
Gaus, John Merriman	*Utica, N. Y.*	Α Δ Φ House
Goodwin, Arthur Prentice	*Pittsfield, Mass.*	Δ Κ Ε House
Greene, Phillips Foster	*Upper Montclair, N. J.*	
	103 Morris Pratt Memorial Dormitory	
Hall, Gordon Rexford	*Brookline, Mass.*	Χ Ψ Lodge
Hayner, John Clifford	*Yonkers, N. Y.*	Θ Δ Χ House
Heald, Stanley	*South Weymouth, Mass.*	Δ Κ Ε House
Heinritz, Stuart Franklin	*Holyoke, Mass.*	Σ Δ Ρ House
Herrschaft, Coleman Philip	*Brooklyn, N. Y.*	Φ Γ Δ House
Houston, Charles Hamilton	*Washington, D. C.*	
	409 Morris Pratt Memorial Dormitory	
Hubner, George Hartmann	*Brooklyn, N. Y.*	Ψ Υ House
Humphries, George Rolfe	*Palo Alto, Cal.*	Σ Δ Ρ House
Hunneman, William Cooper, Jr.	*Brookline, Mass.*	Δ Κ Ε House
Johnson, Leslie Obear	*Malden, Mass.*	
	201 Morris Pratt Memorial Dormitory	
Jones, Marshall Walker	*Winchester, Mass.*	Φ Κ Ψ House

Keith, Gerald	*Brockton, Mass.*	X Φ House
Kimball, Newton Manross	*Orange, Mass.*	Δ K E House
Kingman, Henry Seldon	*Minneapolis, Minn.*	X Φ House
Konold, Edwin Harold	*Oak Park, Ill.*	Δ ϒ House
Langspecht, Henry Thomas	*Brooklyn, N. Y.*	Φ K Ψ House
Lincoln, Joseph Newhall	*Quincy, Mass.*	Φ Γ Δ House
Lind, John Eugene	*Brooklyn, N. Y.*	Σ Δ P House
Lott, James Cropsey	*Brooklyn, N. Y.*	Φ Δ Θ House
Lyon, Harold Alpheus	*Brockton, Mass.*	Φ K Ψ House
McCague, Robert Andrew	*Omaha, Neb.*	X Ψ Lodge
Macdonald, Wilson	*Westfield, N. Y.*	K Θ House
McGowan, Robert Reed	*Steubenville, Ohio*	X Φ Annex
*McNair, Maurice Lloyd	*Los Angeles, Cal.*	15 Spring Street
McTernan, Everett Francis	*Brooklyn, N. Y.*	Φ Γ Δ House
Mandrey, William Henry	*Mount Vernon, N. Y.*	11 Gaylord Street
Manville, Arthur Jeremiah	*New Haven, Conn.*	Φ Γ Δ House
Many, Harold Chase	*Port Jefferson, N. Y.*	7 Parsons Street
Martin, Charles Daniel	*Northampton, Mass.*	
Moulton, Robert Seldon	*Poughkeepsie, N. Y.*	204 Morris Pratt Memorial Dormitory
Muench, Charles Lawrence	*Arlington, Mass.*	Δ K E House
Newton, Francis Chandler	*Reading, Mass.*	Δ ϒ House
Packard, Sidney Raymond	*Brockton, Mass.*	312 Morris Pratt Memorial Dormitory
Person, Raymond Scott	*Holyoke, Mass.*	K Θ House
Phillips, John Milton	*New London, Conn.*	Φ Γ Δ House
Plimpton, Hollis Winslow	*Norwood, Mass.*	Δ K E House
Pratt, Richardson	*Brooklyn, N. Y.*	Λ Δ Φ House
Price, Stuart Eugene	*Columbus, Ohio*	Δ ϒ House
Ralston, Arthur Edward	*Piermont, N. Y.*	Λ Δ Φ House
Rankin, William	*Newark, N. J.*	Φ Δ Θ House
Ripley, George Keyes	*Troy, N. H.*	201 Morris Pratt Memorial Dormitory
†Robinson, Richard Alexander, 3d	*Louisville, Ky.*	Λ Δ Φ House
Rollins, Dana Funk	*Bloomington, Ill.*	Β Θ Π House
Shumway, Conrad	*Brooklyn, N. Y.*	Σ Δ P House
Smith, Homer Morgan	*Redding, Conn.*	Θ Δ X House
Smith, James Kellum	*Towanda, Pa.*	X Ψ Lodge

* Provisional enrollment.
† Special Student.

Smith, James Nichols	*Hartford, Conn.*	Ψ Υ House
Smith, Lowell Ridgeway	*Winchester, Mass.*	Ψ Υ House
Snider, Joseph Lyons	*Uniontown, Pa.*	Φ K Ψ House
Swasey, Henry Cleveland	*South Berwick, Me.*	Φ K Ψ House
Thayer, William Greenough, Jr.	*Southboro, Mass.*	Ψ Υ House
Tomlinson, Jay Brinkerhoff	*Mount Holly, N. J.*	Φ K Ψ House
Van Valkenburg, Edward Alfred	*Greene, N. Y.*	
	312 Morris Pratt Memorial Dormitory	
Wales, Horatio, Jr.	*Polo, Ill.*	Φ Γ Δ House
Warren, Webster Hamlin	*Falmouth, Mass.*	X Φ Annex
Washburn, Arthur Hoyt	*Boston, Mass.*	Δ Υ House
Weathers, Paul Dyess	*Ocala, Fla.*	Ψ Υ House
Webster, Leslie Tillotson	*Mount Vernon, N. Y.*	Α Δ Φ House
Whiting, William, 2d	*Holyoke, Mass.*	3 Northampton Road
Whitmore, George Deming	*Holyoke, Mass.*	K Θ House
Whitten, Philip Francis	*Holyoke, Mass.*	Δ Υ House
Wroath, Leon Henry	*Auburn, N. Y.*	Θ Δ X House

SOPHOMORE CLASS

Ames, Charles Burton	*West Newton, Mass.*	X Ψ Lodge
Anderson, Robert Jeffrey	*Clinton, Mass.*	19 Main Street
Andrews, Edward Deming	*Pittsfield, Mass.*	Δ Υ House
Andrews, Harold Volk	*Pittsfield, Mass.*	Δ Υ House
Ashley, Thomas William	*Deerfield, Mass.*	Α Δ Φ House
Avirett, William Goodwin	*Brooklyn, N. Y.*	Α Δ Φ House
Baker, Walton Chamberlain	*Springfield, Mass.*	
	412 Morris Pratt Memorial Dormitory	
*Balmos, Harry Leroy	*Montclair, N. J.*	4 Lessey Street
Barnes, Henry Walter, Jr.	*Plymouth, Mass.*	Θ Δ X House
Barone, Tony	*North Collins, N. Y.*	8 Spring Street
Bixler, Julius Seelye	*New London, Conn.*	Α Δ Φ House
†Blanchard, Dean	*Winchester, Mass.*	Φ K Ψ House
Boynton, Merrill Holmes	*Bristol, R. I.*	Ψ Υ House
Brewton, Harold George	*Gloucester, Mass.*	Φ Δ Θ House
Bristol, Herbert Greene	*Glen Ridge, N. J.*	Δ Υ House
Brown, Charles Henry	*Chicago, Ill.*	Α Δ Φ House
Buchanan, Scott Milross	*Pittsfield, Mass.*	Δ Υ House

* Provisional Enrollment.
† Special Student.

Chandler, Hazen Atherton	*Montpelier, Vt.*	Δ K E House
Chapman, William Gilger	*Russell, Pa.*	Φ Δ Θ House
Charles, Glenn Edward	*Warsaw, N. Y.*	207 Morris Pratt Memorial Dormitory
*Church, Charles Noble	*Millbury, Mass.*	Δ Υ House
Clark, Franklin Stetson	*North Amherst, Mass.*	Θ Δ X House
Colton, Kingsley Buel	*Chicago, Ill.*	Φ Δ Θ House
Dayton, Theodore Read	*Georgetown, Conn.*	Δ Υ House
Douglas, Lewis William	*Douglas, Ariz.*	Λ Δ Φ House
Dugan, Alfonso Gray, Jr.	*Hinsdale, Ill.*	Δ K E House
Edwards, Theodore Caldwell	*Brooklyn, N. Y.*	B Θ Π House
Esty, William Cole, 2d	*Bethlehem, Pa.*	Ψ Υ House
Ferguson, Eralsey Clark	*Brookline, Mass.*	Φ Δ Θ House
Gallup, Clarence Westcott	*North Adams, Mass.*	X Ψ Lodge
Gates, William, Jr.	*Pittsburgh, Pa.*	Ψ Υ House
Gillett, Robert Swift	*Hartford, Conn.*	Λ Δ Φ House
Gillies, Harold Lusk	*Nyack, N. Y.*	Ψ Υ House
Gilligan, James Tierney	*Holyoke, Mass.*	
Goodridge, Edwin Harrison	*Fitchburg, Mass.*	Φ K Ψ House
Graham, Roland Boswell	*Bloomington, Ill.*	Φ Γ Δ House
Greene, Paul Stevens	*Boston, Mass.*	311 Morris Pratt Memorial Dormitory
Hardy, Donald Egbert	*Amherst, Mass.*	15 Lincoln Ave.
Heavens, Howard Joseph	*Plymouth, Mass.*	Σ Δ P House
Hitchcock, Charles Hanchett	*Chittenango, N. Y.*	Φ K Ψ House
Hoffman, Amzi Fisher	*Califon, N. J.*	Θ Δ X House
Hughes, Percy Meredith, Jr.	*Syracuse, N. Y.*	Ψ Υ House
Jenkins, John Maxey	*Montrose, Pa.*	B Θ Π House
Johnson, Herbert Gale	*Amherst, Mass.*	11 South Prospect St.
Keeney, George Nelson	*New London, Conn.*	Θ Δ X House
Knapp, Lewis Mansfield	*Groton, Mass.*	Δ Υ House
Knowlton, Wilbur Clark	*Kirkwood, Mo.*	B Θ Π House
Lane, George Homer	*West Hartford, Conn.*	Λ Δ Φ House
Leonard, Wallace Minot	*Newton Highlands, Mass.*	Δ K E House
Lutkins, Edwin Henry	*Hackensack, N. J.*	K Θ House
McCloy, John Snader	*Philadelphia, Pa.*	B Θ Π House
McCrum, Douglas Stuart	*Oneonta, N. Y.*	Θ Δ X House
Mansfield, Ralph Leslie	*Fishkill, N. Y.*	Φ Γ Δ House
Marks, Alan David	*New York, N. Y.*	302 Morris Pratt Memorial Dormitory

*Provisional Enrollment.

Marshall, Donald Earle	*Amherst, Mass.*	4 Nutting Avenue
Meredith, Lawrence Cornelius	*Jamestown, N. Y.*	Φ Δ Θ House
*Miller, James Boreland	*Pittsburgh, Pa.*	Δ K E House
Milne, Douglas Duncan	*Hartsdale, N. Y.*	Ψ Υ House
Munro, Thomas Boston	*Allendale, N. J.*	206 Morris Pratt Memorial Dormitory
Murray, John Scott	*Auburn, N. Y.*	Ψ Υ House
Nash, Willard Owen	*Amherst, Mass,*	Φ Γ Δ House
Noyes, Radcliffe Dana	*Montclair, N. J.*	Δ Υ House
Otte, Francis Robert	*Grand Rapids, Mich.*	Ψ Υ House
Park, Robert Hodges	*Taunton, Mass.*	B Θ Π House
Peck, Charles Baldwin, Jr.	*Rochester, N. Y.*	Ψ Υ House
Proctor, Robert Matthews	*Corning, N. Y.*	Physical Laboratory
Reber, John Uhrich	*Reading, Pa.*	Ψ Υ House
Redfield, Humphrey Fuller	*Washington, D. C.*	Α Δ Φ House
*Reed, Howard Finlay	*Roxbury, Ohio*	Φ Δ Θ House
*Reed, Kenneth Samuel	*Portland, Ore.*	Α Δ Φ House
†Rider, Stuart Williams	*Auburndale, Mass.*	Α Δ Φ House
Robinson, Homans	*Springfield, Mass.*	212 Morris Pratt Memorial Dormitory
Rockwell, Robert Neal	*Union City, Pa.*	Chi Phi Annex
Sawyer, Edmund Ellis	*Hackensack, N. J.*	K Θ House
Sawyer, Harold Edmund	*Pawtucket, R. I.*	Ψ Υ House
†Seamans, Elton Henry	*Springfield, Mass.*	Φ Γ Δ House
Shaw, Leo Nelson	*Auburn, N. Y.*	Θ Δ X House
Smith, Everitt Groff	*St. Louis, Mo.*	B Θ Π House
Smith, Winthrop Hiram	*South Hadley Falls, Mass.*	Δ Υ House
Stearns, Douglas Clark,	*Norfolk, Conn.*	304 Morris Pratt Memorial Dormitory
Stevenson, David	*Cambridge, Mass.*	202 Morris Pratt Memorial Dormitory
Stiles, Wayne Peffers	*Amherst, Mass.*	
Stinson, Eugene	*Evansville, Ind.*	Φ K Ψ House
†Tow, William H.	*New York, N. Y.*	Gymnasium
Ver Nooy, Lester Carlton	*Cortland, N. Y.*	Φ K Ψ House
Washburn, Alfred Hamlin	*Boston, Mass.*	Δ Υ House
Washburn, George Winslow	*Brockton, Mass.*	212 Morris Pratt Memorial Dormitory
Weeden, Charles Foster, Jr.	*Dorchester, Mass.*	Α Δ Φ House

*Provisional enrollment.
†Special Student.

Whetstone, Lambert Frye	*Germantown, Pa.*	Λ Δ Φ House
White, Arthur Platt	*Corning, N. Y.*	Κ Θ House
Wood, Lee Blair	*Corry, Pa.*	Φ Κ Ψ House
Young, Burbank Chase	*Rochester, N. Y.*	
	206 Morris Pratt Memorial Dormitory	
Young, Laurence Henry	*Bloomington, Ill.*	
	303 Morris Pratt Memorial Dormitory	
Young, Malcolm Oakman	*North Hanover, Mass.*	
	4 North Prospect Street	

FRESHMAN CLASS

Ames, Waldo Boynton	*Oak Park, Ill.*	32 North College
Anthony, Henry Franklin	*Providence, R. I.*	
	310 Morris Pratt Memorial Dormitory	
Appleby, Theodore Franklin	*Asbury Park, N. J.*	10 South College
Baer, Bernard Louis	*New York, N. Y.*	22 North College
Baily, George Irving	*Brooklyn, N. Y.*	
	109 Morris Pratt Memorial Dormitory	
Baker, Charles Howard	*Sharon, Mass.*	Gymnasium
Baker, Myers Elliott	*Great Neck, N. Y.*	8 South College
Ball, Ralph B.	*Corning, N. Y.*	Physics Laboratory
Banta, Henry Hyde	*Syracuse, N. Y.*	29 South College
Baril, George Everett	*Holyoke, Mass.*	
Bartholomew, Charles Henry	*Binghamton, N. Y.*	29 South College
Bell, Carlton Leroy	*Attleboro, Mass.*	
	110 Morris Pratt Memorial Dormitory	
Bell, Frederick Drake	*New York, N. Y.*	21 North College
Blair, Earle Franklin	*Amherst, Mass.*	12 Northampton Road
Boyd, Harmon Shove	*Woodbury, Conn.*	9 North College
Bristol, Ralph Buffum	*Glen Ridge, N. J.*	32 North College
Brown, Osborn Whitney	*Ben Avon, Pa.*	
	306 Morris Pratt Memorial Dormitory	
Brown, Theodore Everett	*Worcester, Mass.*	11 North College
Brunjes, George Richard	*Dobbs Ferry, N. Y.*	20 Lessey Street
Buckley, Frank Lawrence	*Holyoke, Mass.*	12 North College
Carpenter, Kenneth deForest	*Brooklyn, N. Y.*	27 North College
deCastro, Ralph E.	*New York, N. Y.*	21 North College
Clark, John Dodge	*Brooklyn, N. Y.*	A South College
Clark, Lloyd Montgomery	*Boston, Mass.*	9 South College

Clarke, Arthur Merriam	*Wellesley, Mass.*	1 Woodside Avenue
Cochrane, Craig Parsons	*Rochester, N. Y.*	305 Morris Pratt Memorial Dormitory
Copeland, Morris Albert	*Rochester, N. Y.*	23 North College
Craig, David Rankin, Jr.	*Boston, Mass.*	309 Morris Pratt Memorial Dormitory
*Creamer, John Francis	*Fall River, Mass.*	Δ K E House
DeBevoise, Herbert R.	*Newark, N. J.*	104 Morris Pratt Memorial Dormitory
D'Ooge, Benjamin Stanton	*Ypsilanti, Mich.*	401 Morris Pratt Memorial Dormitory
Downer, Ernest Page	*Montrose, Pa.*	Gymnasium
Eisner, Mortimer	*Newark, N. J.*	108 Morris Pratt Memorial Dormitory
Elish, Karl Marx	*Brooklyn, N. Y.*	19 North College
Fillman, Henry Ingerton	*New York, N. Y.*	27 South College
Fisher, Robert Miller	*Indiana, Pa.*	25 South College
Fuller, Henry Harrison	*Shelter Island Heights, N. Y.*	18 South College
Gard, Charles Campbell	*Hamilton, Ohio*	208 Morris Pratt Memorial Dormitory
Gazley, John Gerow	*White Plains, N. Y.*	4 South College
Glann, James Everett	*Cortland, N. Y.*	407 Morris Pratt Memorial Dormitory
Godfrey, Edgar Lewis	*Gardner, Mass.*	405 Morris Pratt Memorial Dormitory
Goodhue, Elbridge Alvah	*Haydenville, Mass.*	
Goodrich, Sheldon Baker	*Taunton, Mass.*	402 Morris Pratt Memorial Dormitory
Hale, David Clendon	*Cambridge, Mass.*	C North College
Hawkes, Franklin Powers	*North Attleboro, Mass.*	A North College
Hawkins, James Alexander	*Springfield, Mass.*	28 North College
Heaslip, John William	*Brooklyn, N. Y.*	27 South College
Hinman, George	*St. Johnsbury, Vt.*	C South College
Hobart, Richard Townley	*Upper Montclair, N. J.*	406 Morris Pratt Memorial Dormitory
Howard, Samuel Anton, Jr.	*Rutland, Vt.*	23 South College
Ivimey, Theodore	*New York, N. Y.*	411 Morris Pratt Memorial Dormitory
Jenkins, Paul Alexander	*Omaha, Neb.*	4 Lessey Street
Jessup, Charles J.	*Brooklyn, N. Y.*	Mount Doma

* Provisional enrollment.

Johnson, Brooks Elmo	*New Rochelle, N. Y.*	26 North College
Jones, Chandler Tracy	*Orleans, Mass.*	9 North College
Kambour, Theodore	*Plymouth, N. H.*	32 South College
Katz, Richard, Jr.	*New York, N. Y.*	15 Amity Street
Keezer, Dexter Merriam	*Denver, Col.*	8 South College
Kimball, Bradford Fisher	*Amherst, Mass.*	25 Woodside Avenue
Kohout, Harry Joseph	*Amherst, Mass.*	3 Parsons Street
Lanyon, William Edward	*St. Louis, Mo.*	16 North College
Lemcke, Norman Rhode	*New York, N. Y.*	Gymnasium
Lestrade, Paul C.	*Providence, R. I.*	102 Morris Pratt Memorial Dormitory
Lewis, Cyril Blackmore	*Ypsilanti, Mich.*	401 Morris Pratt Memorial Dormitory
Lewis, William Atwood	*Somerville, Mass.*	12 North College
Loomis, Edward Francis	*Haydenville, Mass.*	402 Morris Pratt Memorial Dormitory
Loomis, William Fitch	*Bedford, Mass.*	412 Morris Pratt Memorial Dormitory
Low, Carroll Blakely	*Brooklyn, N. Y.*	26 South College
McCague, Lawrence Minot	*Omaha, Neb.*	406 Morris Pratt Memorial Dormitory
McGarrahan, John Cooley	*Cohoes, N. Y.*	208 Morris Pratt Memorial Dormitory
McGowan, Charles Batchelor	*Steubenville, Ohio*	10 South College
McGowan, Royal Edmund	*Youngstown, N. Y.*	305 Morris Pratt Memorial Dormitory
McLaughlin, Tobias John	*Auburn, N. Y.*	17 South College
Maloney, Edward James	*Amherst, Mass.*	12 South Prospect Street
Marks, Eric Henry	*New York, N. Y.*	211 Morris Pratt Memorial Dormitory
Marks, Frederic Bliss	*Newtonville, Mass.*	10 North College
Marples, Edward Stuart	*Evanston, Ill.*	205 Morris Pratt Memorial Dormitory
Mason, Alfred DeWitt	*Brooklyn, N. Y.*	21 South College
Maurer, Keith Landon	*Northampton, Mass.*	
Maynard, Charles Edgar	*Northampton, Mass.*	
Melcher, Herbert Henry	*Mt. Vernon, N. Y.*	101 Morris Pratt Memorial Dormitory
Metcalf, Robert Drayton	*Norwood, Mass.*	7 South College
Middleton, Robert Avery	*Utica, N. Y.*	4 Lessey Street

Miller, William Melbourne	*New York, N. Y.*	308 Morris Pratt Memorial Dormitory
Moginot, Francis Louis	*St. Louis, Mo.*	D North College
Moore, Henry Wilson	*Brockport, N. Y.*	6 North College
Moore, Robert Francis	*Brooklyn, N. Y.*	31 South College
Morrow, David Warman	*Allenhurst, N. J.*	10 South College
Morse, Edward Wilson	*Worcester, Mass.*	11 North College
Munroe, Robert	*Oakmont, Pa.*	5 South College
Murray, Joseph John	*Worcester, Mass.*	Φ Γ Δ House
Neiley, Geoffrey Cooke	*Winchester, Mass.*	Ψ Υ House
Nelligan, Thomas Hayes	*Amherst, Mass.*	11 Sunset Avenue
Norton, Cyril Francis	*Northampton, Mass.*	
O'Brien, Richard Atlee	*Maplewood, N. J.*	8 North College
Patterson John A.	*Wayland, Mass.*	3 Northampton Road
Perkins, Roger Conant	*Manchester, Vt.*	2 South College
Pettee, Herbert Bachellor	*Providence, R. I.*	307 Morris Pratt Memorial Dormitory
Plimpton, Barton Fiske	*Hollis, N. Y.*	1 South College
Plough, Paul Howard	*New York, N. Y.*	411 Morris Pratt Memorial Dormitory
Proctor, Edward Ross	*Ridgefield Park, N. J.*	409 Morris Pratt Memorial Dormitory
Rauschenbusch, Hilmar Ernst	*Rochester, N. Y.*	23 North College
Robinson, Hayden Dutton	*Brownsville, Pa.*	6 South College
Rome, Gardiner H.	*Brooklyn, N. Y.*	31 South College
Romer, Alfred Sherwood	*White Plains, N. Y.*	4 South College
Root, Everett Merrill	*Somerville, Mass.*	15 South College
Ross, Raymond Thomas	*Crawfordville, Ind.*	205 Morris Pratt Memorial Dormitory
Sanders, Frank Knight, Jr.	*Topeka, Kan.*	25 South College
Scandrett, Jay Johnson Morrow	*Pittsburgh, Pa.*	6 South College
Schmid, Herbert William	*Providence, R. I.*	307 Morris Pratt Memorial Dormitory
Shumway, Eric	*Brooklyn, N. Y.*	28 North College
Sibley, Walcott Ellis	*Wellesley Hills, Mass.*	210 Morris Pratt Memorial Dormitory
Sleeper, Frank MacDonald	*Wellesley, Mass.*	3 Northampton Road
Smith, Harold Addison	*Springfield, Mass.*	2 South College
Spear, Irving Lewis	*Amherst, Mass.*	8 Dickinson Street
Stapleton, Luke Daniel	*Brooklyn, N. Y.*	27 North College

Stark, Whitney Williams	*Brooklyn, N. Y.*	26 North College
Swett, Jesse Freeman	*Brookline, Mass.*	
	306 Morris Pratt Memorial Dormitory	
Tehan, William Henry	*Auburn, N. Y.*	17 South College
Temple, Donald Edward	*Greenfield, Mass.*	3 Northampton Road
Thomas, Donald Eugene	*Attleboro, Mass.*	
	210 Morris Pratt Memorial Dormitory	
Vaughn, Herbert Getty	*Fort Ann, N. Y.*	19 Main Street
Vielbig, Joseph Frederick	*Brooklyn, N. Y.*	Mount Doma
Wadhams, Robert Wiltsie	*Pittsford, N. Y.*	
	304 Morris Pratt Memorial Dormitory	
Wells, Henry Willis	*New York, N. Y.*	
	405 Morris Pratt Memorial Dormitory	
Whitcomb, John Leonard	*Brockton, Mass.*	
	305 Morris Pratt Memorial Dormitory	
Widmayer, Theodore L.	*Bronx, New York*	19 Amity Street
Wilbar, Wadsworth	*Taunton, Mass.*	
	109 Morris Pratt Memorial Dormitory	
Williamson, Raymond Eccleston Seveira	*White Plains, N. Y.*	8 Spring Street
Willis, Barnard	*St. Louis, Mo.*	16 North College
Witney, William Reilly	*Brockport, N. Y.*	6 North College
Woodward, Rufus Stanley, Jr.	*Worcester, Mass.*	
	406 Morris Pratt Memorial Dormitory	
Yawger, Marmaduke Rogers	*Brooklyn, N. Y.*	21 South College

Summary of Enrollment

Fellows	4
Seniors	87
Juniors	98
Sophomores	97
Freshmen	134
Total	420

CLASSIFICATION BY RESIDENCE

Massachusetts	142	California	3
New York	128	New Hampshire	3
New Jersey	32	Oregon	3
Pennsylvania	21	District of Columbia	2
Connecticut	17	Indiana	2
Illinois	14	Iowa	2
Rhode Island	8	Wisconsin	2
Ohio	6	Arizona	1
Vermont	6	Colorado	1
Michigan	5	Florida	1
Nebraska	5	Kansas	1
Maine	4	Kentucky	1
Minnesota	4	Maryland	1
Mississippi	4	Texas	1
		Total	420

PRATT GYMNASIUM

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in October, January, April and June. It contains articles of edu-

cational value, news of the Alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editor should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

Railroad Connections

THE Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

VISITORS

Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A.M. to five-thirty P.M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Registrar, Amherst College, Amherst, Mass.

Alumni Associations

The Society of the Alumni

(*Annual Meeting in Commencement Week*)

President: William Orr, '83.

Vice-Presidents:

Professor Edwin A. Grosvenor, '67
Collin Armstrong, '77
Henry P. Field, Esq., '80
John P. Cushing, '82
George B. Mallon, '87
Isaac Patch, '97

Secretary and Treasurer:

Professor Thomas C. Esty, '93, Amherst

Chairman of Committee on Alumni Trustees:

Edward W. Chapin, Esq., '63

Executive Committee:

Henry P. Field, '80
Professor Joseph O. Thompson, '84
Arthur Curtiss James, '89
Herbert L. Pratt, '95
Harry W. Kidder, '97
Dr. John S. Hitchcock, '89
Hon. Henry A. King, '73
Professor H. Norman Gardiner, '78
Fred M. Smith, '84

EASTERN ASSOCIATIONS

The Association of Boston and Vicinity

President: William Orr, Ford Bldg.
Secretary: T. Barnet Plimpton, 24 Milk St.

The Association of Lowell

President: Rev. John M. Greene, 82 Pinckney St., Boston
Secretary: Charles W. Morey, 14 Belmont St.

The Association of Central Massachusetts

President: Prof. George H. Haynes, Worcester Polytechnic Institute
Secretary: Dr. Gordon Berry, 28 Trowbridge Road

The Connecticut Valley Association

President: William F. Whiting, 215 Linden St., Holyoke
Secretary: George R. Yerrall, 88 Maplewood Ave., Springfield

The Association of Connecticut

President: Prof. Charles S. Lane, West Hartford
Secretary: Fred R. Gilpatric, 129 Black Rock Road, New Britain

The Association of Rhode Island

President: Charles F. Stearns, Esq., County Court House, Providence
Secretary: Gerald M. Richmond, 532 Grosvenor Bldg., Providence

The Association of New York

President: Herbert L. Bridgman, 604 Carlton Ave., Brooklyn
Secretary: Charles H. Dayton, 90 West St.

The Association of Brooklyn

President: James S. Lawson, 192 Broadway, New York
Secretary: Lester F. Moller, 132 New York Ave., Brooklyn, N. Y.

The Association of Central New York

President: Jonas S. VanDuzer, Horseheads
Secretary: Halsey M. Collins, Cortland

The Association of Western New York

President: Rev. Edwin H. Dickinson, North Presbyterian Church, Buffalo
Secretary: Edwards L. Cleaveland, 630 Humboldt Parkway, Buffalo

The Rochester Club

President: Joseph Bishop, 119 Central Ave., Rochester
Secretary: Lansing S. Wetmore, Clover St.

The Association of Philadelphia and Vicinity

President: Fred P. Powers, 917 Chestnut St., Philadelphia
Secretary: Theodore W. Seckendorf, 1353 South Lindenwood St., West Philadelphia

The Association of Washington

President: Hon. Ashley M. Gould, 1931 16th St., N. W.
Secretary: Barry Bulkley, Cosmos Club

The Association of Western Pennsylvania

President: William D. Evans, Esq., Oliver Bldg.
Secretary: Kenneth R. Cunningham, Esq., Suite 501–3, Frick Bldg.

CENTRAL AND FAR WESTERN ASSOCIATIONS

The Association of Cleveland and Vicinity

President: Charles K. Arter, Esq., Marshall Bldg.
Secretary: Charles W. Disbrow, University Club

The Amherst Club of Chicago

President: George H. McIlvaine, Hubbard Woods, Ill.
Secretary: Percival B. Palmer, Jr., 1316 East 50th St.

The Association of St. Louis

President: Luther Armstrong, Kirkwood
Secretary: Edward T. Hall, Purina Mills

Michigan State Amherst Association

President: Charles F. Adams, 34 Selden Ave., Detroit
Secretary: William A. Sleeper, 1112 Union Trust Bldg., Detroit

The Northwestern Association

President: Joseph R. Kingman, Esq., 225 Ridgewood Ave.
Secretary: Joseph L. Seybold, Wells and Dickey Co., Minneapolis, Minn.

The Association of Des Moines

President: Richard R. Rollins, care of "The Shops"
Secretary: Edwin D. Hewitt, 118 Fourth St.

The Association of the Southwest

President: Dr. George E. Bellows, 429 Rialto Bldg., Kansas City, Mo.
Secretary: Edward W. Kidder, 4131 Mercier St., Kansas City, Mo.

The Association of Nebraska

President: Rev. Frederic T. Rouse, 412 North 22d St., Omaha
Secretary: Osgood T. Eastman, First National Bank, Omaha

The Rocky Mountain Association

President: William F. Slocum, Colorado Springs, Colo.
Secretary: Fred P. Smith, Esq., 206 Tramway Bldg., Denver, Colo.

The Association of Arizona

President: STUART W. FRENCH, Douglas
Secretary: WILLIAM H. WEBSTER, Douglas

The Association of Southern California

President: Rev. WILLIAM H. DAY, 946 South Union Ave., Los Angeles
Secretary: DANIEL BEECHER, Esq., 500 Washington Ave., Los Angeles

The Association of Washington

President: D. BERTRAND TREFETHEN, Esq., 614 Coleman Bldg., Seattle
Secretary: Dr. PAUL A. TURNER, 805 American Bank Bldg., Seattle

The Association of Northern California

President: Prof. WILLIAM A. MERRILL, Ph.D., LL.D., 2609 College Ave., Berkeley
Secretary: WILLARD P. SMITH, Esq., 1700 Call Bldg., San Francisco

Chicago Young Alumni Association

President: A. MITCHELL, Riverside, Ill.
Secretary: J. HARDISON STEVENS, 424 Marquette Building

Amherst Club of Northwestern Ohio

President: ALEXANDER L. SMITH, 51–54 Produce Exchange, Toledo
Secretary: DONALD P. SMITH, 2459 Collingwood Ave., Toledo

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AMHERST COLLEGE CATALOGUE

Amherst College Catalogue

For the Year
1914–1915

Amherst Massachusetts
Published by the College

1914

JULY

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NOVEMBER

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DECEMBER

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1916

JANUARY

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MARCH

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APRIL

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MAY

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JUNE

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College Calendar

1914			
September	24,	Beginning of the College Year	11:30 A.M. Thursday
October	8,	Mountain Day, a holiday	
October	14–16,	Porter Prize Entrance Examinations	
November	25–27,	Thanksgiving Recess	12.20 P.M. Wed., 2.00 P.M. Friday
December	22,	Christmas Recess begins	12.20 P.M. Tuesday
1915			
January	5,	Christmas Recess ends	2 P.M. Tuesday
February	2–10,	Semester Examinations	

February	11,	Second Half-year begins	Thursday
February		Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Monday
March	24,	Spring Recess begins	12.20 P.M. Wednesday
April	6,	Spring Recess ends	2 P.M. Tuesday
May	30,	Memorial Day, a holiday	Monday
June	12,	Preliminary Registration Day	Saturday
June	17–25,	Semester Examinations	
June	14–19,	Examinations for Admission	Monday to Saturday
June	27,	Baccalaureate Sermon	Sunday
June	28,	Hyde Prize Orations	Monday afternoon
June	28,	Kellogg Prize Declamations	Monday evening
June	29,	Class Day	Tuesday
June	29,	President's Reception	Tuesday afternoon
June	29,	Lawn Fête	Tuesday evening
June	30,	Commencement Exercises	Wednesday morning
June	30,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	16–22,	Examinations for Admission	Thursday to Wednesday
September	23,	Beginning of the College Year	11.30 A.M. Thursday
October		Mountain Day, a holiday	
October	13–15,	Porter Prize Entrance Examinations	
December	21,	Christmas Recess begins	12.20 P.M. Tuesday
1916			
January	4,	Christmas Recess ends	2 00 P.M. Tuesday

Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE ARTHUR PLIMPTON, LL.D. New York, N. Y.
President of the Corporation

ALEXANDER MEIKLEJOHN, PH.D., LL.D.
President of the College Amherst, Mass.

PROF. WILLISTON WALKER, D.D. New Haven, Conn.
Secretary of the Corporation

GEORGE HENRY WHITCOMB, M.A. Worcester, Mass.

REV. WILLIAM HAYES WARD, D.D., LL.D.
New York, N. Y.

CHARLES MILLARD PRATT, M.A. Brooklyn, N. Y.

HON. CHARLES HERBERT ALLEN, LL.D.
New York, N. Y.

ARTHUR CURTISS JAMES, M.A. . New York, N. Y.

JOHN WOODRUFF SIMPSON, LL.D. New York, N. Y.

REV. CORNELIUS HOWARD PATTON, D.D.
Boston, Mass.

DEAN WILFORD LASH ROBBINS, D.D., LL.D
New York, N. Y.

ARTHUR CHARLES ROUNDS, M.A. New York, N. Y.

PROF. ARTHUR LINCOLN GILLETT, D.D.
Hartford, Conn.

TALCOTT WILLIAMS, LL.D., LITT.D. New York, N. Y.

ROBERT ARCHEY WOODS, M.A. . . Boston, Mass.

REV. JOHN TIMOTHY STONE, D.D. . Chicago, Ill.

REV. GEORGE ATWATER HALL . Brookline, Mass.

HARRY WELTON KIDDER, B.A. . Amherst, Mass.
Treasurer of the Corporation

Officers of Administration

Alexander Meiklejohn, ph.d., ll.d., President

George Daniel Olds, ll.d., Dean of the Faculty

Harry Welton Kidder, b.a., Treasurer

Alfred Shepard Goodale. b.a., Registrar

Paul Chrysostom Phillips, m.d., College Physician

Richard Francis Nelligan, Director of Athletics

Theodore Ainsworth Greene, b.a., Secretary of the Christian Association and Religious Work Director

Frederick Scouller Allis, b.a., Secretary of the Alumni Council

Overseers of the Charitable Fund

Rev. John M. Greene, d.d.	Boston, Mass.
M. Fayette Dickinson, m.a.	Amherst, Mass.
Prof. William B. Graves, m.a.	Andover, Mass.
John C. Hammond, m.a.	Northampton, Mass.
Lewis W. West, b.a.	Hadley, Mass.
Rev. James W. Bixler, d.d.	New London, Conn.
Rev. Charles W. Merriam.	Greenfield, Mass.
Ambert G. Moody, b.a.	East Northfield, Mass.

Harry Welton Kidder, b.a., *Commissioner*

Faculty

ALEXANDER MEIKLEJOHN, PH.D., LL.D., *President of the College, and Professor of Logic and Metaphysics*
President's House

GEORGE HARRIS, D.D., LL.D., *President Emeritus*
65 Central Park West, New York, N. Y.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty* 3 Orchard St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy* 85 Elm St., Worcester, Mass.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry* Warsaw, N. Y.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology* 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
Amherst, Mass.

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory* Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., L.H.D., *Professor of Literary and Biblical Interpretation* 20 Spring St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., LITT.D., *Professor Emeritus of Modern Government and International Law* 7 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Williston Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 3 Dana St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 2 Orchard St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics* 1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Parmly Billings Professor of Hygiene and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy* 8 Orchard St.

WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy* Sunset Ave.

CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German Language and Literature* 18 Northampton Road

*FREDERIC LINCOLN THOMPSON, M.A., *Winkley Professor of History* 63 South Pleasant St.

HENRY CARRINGTON LANCASTER, PH.D., *Professor of Romance Languages* 4 Dana St.

HOWARD WATERS DOUGHTY, PH.D., *Professor of Chemistry* 125 South Pleasant St.

LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of Physics* 45 Lincoln Ave.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of History* 31 Northampton Road

ARTHUR HENRY BAXTER, PH.D., *Associate Professor of Romance Languages* 34 Lincoln Ave.

JOHN CORSA, M.A., *Associate Professor of Public Speaking* 25 Amity St.

OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German* 25 College St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of English* 83 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 13 Lincoln Ave.

*Absent on leave.

JOHN MAURICE CLARK, PH.D., *Associate Professor of Economics* Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hygiene and Physical Education* 11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Associate Professor of English* 4 Orchard St.

PERCY ROBERT CARPENTER, B.A., *Associate Professor of Hygiene and Physical Education* Kendrick Place

CHARLES HANSEN TOLL, PH.D., *Associate Professor of Philosophy* Snell St.

LAURENCE HOUGHTON PARKER, B.A., *Associate Professor of Mathematics* 4 South Prospect St.

HERBERT PIERREPONT HOUGHTON, PH.D., *Associate Professor of Latin* 9 College Ave.

ALFRED SHEPARD GOODALE, B.A., *Associate Professor of Botany, and Registrar* 3 Parsons St.

CHARLES WIGGINS COBB, PH.D., *Associate Professor of Mathematics* Mt. Doma

CLARENCE EDWARD ANDREWS, PH.D., *Associate Professor of English* Mt. Doma

WILLIAM RADER WESTHAFER, M.A., *Associate Professor of Physics* 9 Woodside Ave.

CHARLES ERNEST BENNETT, PH.D., *Associate Professor of Latin* 6 Tyler Place

WILLIAM ISAAC FLETCHER, M.A., *Librarian Emeritus*
54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Otis Librarian*
13 Lincoln Ave.

CLARENCE EDGAR SHERMAN, B.S., *Assistant Librarian*
67 South Pleasant St.

JOHN BROWN ZINN, PH.D., *Instructor in Chemistry*
Bank Block

RAYMOND GARFIELD GETTELL, A.M., *Lecturer in Social and Economic Institutions* 63 South Pleasant St.

ANSON ELY MORSE, PH.D., *Lecturer in History*
2 College St.

———— ———— *Lecturer on Clyde Fitch Foundation*

———— ———— *Henry Ward Beecher Lecturer*

GEORGE WASHINGTON KIRCHWEY, LL.D., *William Brewster Clark Memorial Lecturer*

RALPH WHEATON WHIPPLE, B.S., *Assistant in Geology*
Morris Pratt Memorial Dormitory

PHILLIPS FOSTER GREENE, *Assistant in Biology*
Delta Upsilon House

CARL WILLIS HYLAND, *Secretary of the Department of Hygiene and Physical Education* 77 South Pleasant St.

GERTRUDE ELIZABETH BROWN, *Secretary to the President*

Committees of the Faculty

Administration: The PRESIDENT, the DEAN, the REGISTRAR, Professors TYLER, COWLES, ESTY, HOPKINS, NEWLIN

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CHURCHILL, CROOK, ESTY, LOOMIS, TOLL, EASTMAN, LANCASTER

Library: The PRESIDENT, the TREASURER, the LIBRARIAN, Professors TYLER, CROOK, OLDS, LANCASTER, BIGELOW, COWLES, DOUGHTY

Catalogue: The PRESIDENT, the REGISTRAR, Professors SMITH, UTTER

Admission: The PRESIDENT, the DEAN, the REGISTRAR

Board of Public Exhibitions: Faculty members: Professors CHURCHILL, NEWLIN, CORSA

Athletics: Professors PHILLIPS, CLARK, CROOK, LOOMIS, STOWELL

Fellows

GEORGE BRUNER PARKS, B.A., *Kellogg University Fellow*
Columbia University, New York, N. Y.

FRANK CHRISTOPHER BROUGH, B.S., *Edward Hitchcock Fellow*
Amherst, Mass.

———— ————, *Roswell Dwight Hitchcock Fellow*

JOHN CUTHBERT LONG, B.A., *South End House Fellow*
Boston, Mass.

List of College Preachers

1913–14

Prof. Talcott Williams, ll.d., litt.d. . New York, N.Y.
Rev. Alexander H. Abbott . . . . . Albany, N. Y.
Rev. Horace F. Holton . . . . . St. Louis, Mo.
President Albert P. Fitch, d.d. . . . Cambridge, Mass.
President Wm. DeWitt Hyde, d.d., ll.d. Brunswick, Me.
Dean Wilford L. Robbins, d.d., ll.d. . New York, N. Y.
Rev. Willis H. Butler . . . . . Boston, Mass.
Rev. Frank P. Goodwin, d.d. . . . Westfield, N. J.
Rev. Jason Noble Pierce . . . Dorchester, Mass.
President W. H. P. Faunce, d.d., ll.d. . Providence, R. I.
Rev. R. W. McLaughlin . . . . . Brooklyn, N. Y.
Rev. Jay T. Stocking, d.d. . . . Washington, D. C.
Rev. George H. Ferris . . . . . Philadelphia, Pa.
President Marion L. Burton, d.d., ll.d.
Northampton, Mass.
Dean Edmund S. Rousmaniere . . . Boston, Mass.
Rev. Lewis T. Reed . . . . . Brooklyn, N. Y.
Rev. Augustus M. Lord . . . . . Providence, R. I.
President Rush Rhees, d.d., ll.d. . . Rochester, N. Y.
President John M. Thomas, d.d., ll.d. Middlebury, Vt.
Rev. Malbone H. Birckhead . . . New York, N. Y.
Rev. Edwin H. Van Etten . . . . New York, N. Y.
Rev. Cornelius H. Patton, d.d. . . . . Boston, Mass.
Rev. Charles E. Ewing . . . . . Tientsin, China
Prof. John F. Genung, d.d., l.h.d. . . Amherst, Mass.
Rev. Adelbert P. Higley . . . . . Troy, N. Y.
Rev. Nehemiah Boynton, d.d. . . . Brooklyn, N. Y.

President Emeritus GEORGE HARRIS, D.D., L.H.D.
New York, N. Y.
Rev. HENRY P. DEWEY, D.D. . . . Minneapolis, Minn.
Rev. CHARLES S. MILLS, D.D. . . . . Montclair, N. J.
Prof. WALTER G. EVERETT, PH.D. . . . Providence, R. I.
Rev. GEORGE A. GORDON, D.D. . . . Boston, Mass.
Rev. EDWARD F. SANDERSON . . . . Brooklyn, N. Y.
President ALEXANDER MEIKLEJOHN, PH.D., LL.D.
Amherst, Mass.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of two weeks, and a Summer Vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published at the beginning of the year. Rules regarding examinations, delinquencies, and absences, are published in the Undergraduate Course Book.

TERM BILLS AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and forty dollars for the year, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.

Each member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

LABORATORY FEES

Physics	First year, each semester	$5.00
	Second and third years, each semester	7.00
Biology	First year, each semester	3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00
Chemistry	First year, first semester	5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester	10.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition	$140.00	$140.00	$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00
Board thirty-six weeks	198.00	216.00	252.00
Fuel and light	10.00	15.00	25.00
	$400.50	$446.00	$668.50

The dormitories accommodate about two hundred students, and the fraternity houses about two hundred and fifty. Rooms can be rented at moderate rates in private houses. Board is furnished at various places in the town, at prices of from five to seven dollars a week.

ATTENDANCE AT CHURCH AND CHAPEL

Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

Absences from chapel services are allowed upon an average of once a week for each semester; from the Sunday services, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors November first. A limited number of students are excused from attendance at the gymnasium while they are actively training for one of the athletic teams of the college.

The members of each class except Seniors are required to exercise regularly three times every week, during the Autumn and Winter terms. During the autumn the prescribed work is taken outdoors at Hitchcock Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more seems to be the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

REPORTS OF STANDING

Rank in each subject is reported as follows:

A, 90–100 per cent; B, 80–89 per cent; C, 70–79 per cent; D, 60–69 per cent; E, 50–59 per cent; F, below 50 per cent; the passing grade in all departments is 60 per cent.

EXTRA COURSES

A student who has an average of not less than 75 per cent in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable

the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee. A student who, by reason of failing in one course the first semester, takes only four courses in the second semester, may, if he maintains a standing of 75 per cent in those courses, take six courses the following year.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the Registrar for approval. During the year a member of the Faculty will be assigned as his adviser and the student will be expected to consult him as to his course in general and upon any other subject related to his college life whenever he feels the need.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55–59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70 per cent. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93 per cent, *magna cum laude* at 88 per cent, and *cum laude* at 80 per cent.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55–59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses required, but Mathematics 1, 2 of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language, Sophomore English, and first year Physics in the Sophomore

year. Diplomas are graded as *rite, cum laude, magna cum laude, summa cum laude,* according to scholarship, as specified above under B. A. degree.

Candidates for the degree of Bachelor of Science will not be received in the class of 1918 or any subsequent class.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in declamation and hygiene in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Registrar at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years must be given to the Registrar at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

DEGREE OF MASTER OF ARTS

Every candidate for the degree of Master of Arts must make application to the Committee on Instruction for permission to enter upon a course of study for the degree. The application for the degree must be made not later than December 1 by candidates who complete the work for the Bachelor's degree at the end of the first semester of Senior

year, and who wish to apply the remainder of the year to studies leading to the Master's degree. For this purpose a blank may be obtained from the Registrar. On this blank the applicant must indicate the department in which he wishes to pursue his major course of study, and return his application to the Registrar. If this preliminary application is accepted by the Committee on Instruction the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as a minor, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 in each of his courses. The amount of work done must be acceptable to the teachers concerned and the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Committee on Instruction, in care of the Registrar.

Degrees Conferred June 24, 1914

Bachelor of Arts

Magna Cum Laude

Bliss, Mervin Washington
Carpenter, John Tilney
Lawrence, Ralph Alphonso
Whiteford, Cameron

Cum Laude

Bliss, Percival Floyd
Chamberlain, Sydney Dakin
Childs, Maurice Frederick
Ferris, Frank Halliday
Finch, Frank Clifford
Glann, Charles
Glass, Fred Everett
Gundaker, Guy Harry
Hickson, Leslie Matheson
Humphries, George Rolfe
Jewett, Harold Ernest
Long, John Cuthburt
Luce, Hallock, Jr.
Mallon, Alfred Edward
Mills, Charles Morris
Morse, George Verdi
Payne, Philip West
Shumway, Lowell
Tramontana, George Benedict

Rite

Bernero, Frank Ambrose
Beyer, Emil Henry
Brown, Donald Howlett
Buffington, Kenneth
Cobb, Edward Sprague
Donohue, Jeremiah Joseph
Firman, Royal
Gaunt, Merrill Stanton
Greene, Walter Farrar
Hanford, Robert Clinton
Hardy, Paul Wallace
Hersh, Austin Herman
Hough, John Kenneth
Hubbard, Silas Graves
Hubbard, Theodore Horace
Hull, Allen Birdsall
Kimball, James Richard
Lewis, Arthur John
Mitchell, John Houston
Moulton, Charles Henry
Murphy, Robert John
Richmond, Clinton Whitman
Rugg, Clarence DeWitt
Rugg, Charles Parks
Shattuck, Wendell Phillips
Shaw, Harold Eden
Shrewsbury, Kenneth Oldham
Smart, Daniel Stevenson
Smith, Walton Kimball
Stafford, Fred William
Suydam, Frederick Dorflinger
Taylor, Howard Scattergood
Tierney, John James
Van Ingen, Richard Storrs
Wiltsie, George Harold
Young, Roswell Philip

Bachelor of Science

Rite

Bedford, Frederick Henry, Jr.
Brough, Frank Christopher
Burdick, Percy Jay
Butler, Earle Dudley
deCastro, Allen John
Child, John Randall
Cushman, Solomon Frederick, Jr.
Fallass, Charles Henry
Huthsteiner, Louis
Kimball, Richard Montague
Livingstone, Colin
McGay, Walter Howard
Miller, Tilford Wentworth
Morrow, William Otway
Outwater, John Ogden
Renfrew, Franklin Ward
Seymour, Marlor Boardman
Sicard, Hugh Charles
Strahan, John Windrum, Jr.
Washburn, George Edward
Whipple, Ralph Wheaton
Whittemore, Ernest Arthur

Honorary Degrees

DOCTOR OF DIVINITY

Eugene William Lyman

DOCTOR OF LETTERS

Edwin Augustus Grosvenor
Henry Clay Folger

DOCTOR OF LAWS

Henry Clay Hall
William Howard Taft

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year.

LIST OF SUBJECTS

Biology	½ point
Botany	½ point
Chemistry	1 point
English 1	2 points
2	1 point
French A	2 points
B	1 point
German A	2 points
B	1 point
Greek A, B	2 points
C, H, F	1 point
Harmony (Music B)	1 point
History A, B, C, D	1 point each
Latin 1	1 point
2	1 point
4	1 point
5	1 point
Mathematics A (A1+A2)	1½ points
A1	1 point

Mathematics	A 2	½ point
	C	1 point
	B, D, F	½ point each
Physics		1 point
Physiography		1 point
Physiology		½ point

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF ARTS COURSE

All candidates for admission to the course leading to the degree of Bachelor of Arts must present entrance credits amounting to fourteen points. The subjects presented must include Latin or Greek, English, Mathematics and History. The total requirement may be met in any one of the three ways described in the following groups.

Group 1

Latin 1, 2, 4, 5
Greek A, B, C, H, F
Mathematics A, C
English 1 and 2
History A

In addition at least one-half point must be made from the list on pages 28–29.

GROUP 2

Latin 1, 2, 4, 5 and Greek A, B
or
Greek A, B, C, H, F and Latin 1, 2, 4
Mathematics A and C
English 1 and 2
History A

In addition at least one and one-half points must be made from the list on pages 28–29.

GROUP 3

Latin 1, 2, 4, 5
or
Greek A, B, C, H, F
Mathematics A and C
English 1 and 2
History A

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, must be made from the list on pages 28–29. Two of these points must be a modern language.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

For admission to a special course not leading to a degree, every candidate must present twelve points, which must include the following elementary subjects:

Mathematics A and C
English 1 and 2
History A or B or C or D
Chemistry or Physics

And one point from the following advanced subjects:

Mathematics B, D, F
French B
German B

And three and one-half points from the list on pages 28–29.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the in-

structor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens' *Introduction to Botany.*

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; balance; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

ENGLISH

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises should comprise narration, description, easy exposition, argument, and letter-writing. It is advisable

ENTRANCE TO THE GROUNDS

that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with the place assigned to them in literary history.

A. READING.*—The aim of this course is to foster the habit of intelligent reading and to develop a taste for good literature by giving the student a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1915–1919:

To allow a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915–19. Substitutions in these lists may be accepted, provided they are submitted to the Registrar on or before the first day of February preceding the examination.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid.

(The Odyssey, Iliad, and Æneid shoud be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—*Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet.**

GROUP III. PROSE FICTION.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield;* Frances Burney, *Evelina;* Scott's Novels, any *one;* Jane Austen's Novels, any *one;* Maria Edgeworth, *Castle Rackrent*, or *The Absentee;* Dickens' Novels, any *one;* Thackeray's Novels, any *one;* George Eliot's Novels, any *one;* Mrs. Gaskell, *Cranford;* Kingsley, *Westward, Ho!* or *Hereward, the Wake;* Reade, *The Cloister and the Hearth;* Blackmore, *Lorna Doone;* Hughes, *Tom Brown's Schooldays;* Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae;* Cooper's Novels, any *one;* Poe, Selected Tales; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse;* a collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, The Sir Roger de Coverley Papers or Selections from

*If not chosen for study under B.

the *Tatler* and *Spectator* (about 200 pages); Boswell, Selections from the *Life of Johnson* (about 200 pages); Franklin *Autobiography;* Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith;* Southey, *Life of Nelson;* Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockhart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humourists;* Macaulay, any *one* of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay;* Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast;* Lincoln, Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail;* Thoreau, *Walden;* Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table;* Stevenson, *An Inland Voyage and Travels with a Donkey;* Huxley, *Autobiography* and selections from *Lay Sermons,* including the addresses on *Improving Natural Knowledge, A Liberal Education* and *A Piece of Chalk;* A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

Group V. Poetry.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village;* Pope, *The Rape of the Lock;* a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Gra-*

hame, Sir Patrick Spens, and a selection from later ballads; Coleridge, *The Ancient Mariner, Christabel*, and *Kubla Khan;* Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon;* Scott, *The Lady of the Lake* or *Marmion;* Macaulay, *The Lays of Ancient Rome, The Battle of Naseby, The Armada, Irvy;* Tennyson, *The Princess*, or *Gareth and Lynette, Lancelot and Elaine*, and *The Passing of Arthur;* Browning, *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus;* Arnold, *Sohrab and Rustum*, and *The Forsaken Merman;* Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. Study.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama.—Shakespeare, *Julius Cæsar, Macbeth, Hamlet.*

Group II. Poetry.—Milton, *L'Allegro, Il Penseroso*, and either *Comus* or *Lycidas;* Tennyson, *The Coming of Arthur, The Holy Grail*, and *The Passing of Arthur;* The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

Group III. Oratory.—Burke, *Speech on Conciliation with America;* Macaulay's two *Speeches on Copyright* and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

GROUP IV. ESSAYS.—Carlyle, *Essay on Burns*, with a selection from Burns' Poems; Macaulay, *Life of Johnson;* Emerson, *Essay on Manners.*

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. *Grammar and Composition*

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. *Literature*

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (a) READING, above. The candidate will be required to submit a list of the books read

in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions, as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 85 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the read-

ing of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;* Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tâche de petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

B. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle-Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's

plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière:* Scribe's plays; Thierry, *Récits des Temps Mérovingiens;* Thiers, *L'Expédition de Bonaparte en Egypte;* Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 71 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupils to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

GREEK

ELEMENTARY GREEK

A 1. Greek grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I–IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I–II (omitting Book II 494–end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

HISTORY

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular

authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias;* Vergil, *Æneid*, I–VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations*, *Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Æneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

MATHEMATICS

ELEMENTARY MATHEMATICS

A 1. Elementary algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative.

A 2. Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations, the binomial theorem for positive integral exponents; the formulas for the *n*th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting

questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good text-books, including the relations of planes, and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surface and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions

as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines, or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate given by a preparatory school will be accepted for work in solid geometry, advanced algebra, or plane trigonometry.

MUSIC B. (Harmony)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should in-

clude careful study of the whole subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those in the examination of the College Entrance Examination Board.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis' *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less then forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the Principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. Credits given for preliminary examinations are valid for fifteen months only, and a higher passing grade is required. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English 2.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1915

In June, 1915, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 14–19, 1915.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, May 31, 1915; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 24, 1915; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 10, 1915.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of $5.00 in addition to the usual fee.

The examination fee is $5.00 for all candidates examined at points in the United States and Canada, and $15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1915, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Thursday, Friday, Saturday, Monday, Tuesday, and Wednesday, September 16–22, 1915.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

First Day—Sept. 16	
8.30–10.30 A.M.	Latin 4
10.45 A.M.–12.30 P.M.	Latin 2
2.00–4.00 P.M.	Latin 5
4.15–6.00 P.M.	French B
Second Day—Sept. 17	
8.30–10.30 A.M.	Mathematics C
10.45 A.M.–12.30 P.M.	Mathematics D
2.00–4.00 P.M.	German A
4.15–6.00 P.M.	History A, C
Third Day—Sept. 18	
8.30–10.30 A.M.	Physics
10.45 A.M.–12.30 P.M.	Latin 1
2.00–4.00 P.M.	French A
4.15–6.00 P.M.	German B
Fourth Day—Sept. 20	
8.30–10.30 A.M.	Mathematics A 1
10.45 A.M.–12.30 P.M.	Mathematics A 2
2.00–4.00 P.M.	Botany
	Physiography
	Zoölogy
4.15–6.00 P.M.	History B, D
Fifth Day—Sept. 21	
8.30–10.30 A.M.	English 1
10.45 A.M.–12.30 P.M.	Chemistry
2.00–4.00 P.M.	English 2 *or* * B
4.15–6.00 P.M.	Greek B
Sixth Day—Sept. 22	
8.30–10.30 A.M.	Greek C, H
	Mathematics B
10.45 A.M.–12.30 P.M.	Greek A
2.00–4.00 P.M,	Mathematics F
4.15–6.00 P.M.	Greek F
	Music B
	Physiology

*English B may be taken only by those candidates who have passed English A.

For Porter Admission Prize see page 108.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In Mathematics A and C no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate is accepted for work in French, German, Mathematics B, D, and F, on which examinations must be taken. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from the schools which have been approved by the New England College Entrance Certificate Board or by The North-Central Association of Colleges and Preparatory Schools. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank C. Nicolson, Middletown, Conn.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the

New England College Entrance Certificate Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on pages 43–45.

CONDITIONS

No student is allowed to remain in College over two years with an entrance condition.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue and an official certificate showing:
   - honorable dismissal,
   - subjects accepted for admission to the college from which he came,
   - his college record including grade of his scholarship in each subject taken.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank.

3. Candidates will be accepted only at the beginning of the year.

4. Credit is allowed only for work equivalent to courses in Amherst College.

5. If a candidate has any conditions, entrance or otherwise, credits will be carried back to cancel these delinquencies.

6. The applicant must indicate at the time of his admission all his claims for credit. Except by special action of the Faculty, no claim not so presented will be considered unless the work on which the claim is based has been completed subsequently.

7. Any claim considered by the Registrar as insufficiently certified will be referred by him to the appropriate department for examination.

8. Provisional credit for courses completed will be given by the Registrar at the time of the applicant's admission to college but this credit will not be considered as final nor will the candidate be given final enrollment until he has successfully completed at least one semester's work in Amherst College.

9. All applications for admission to advanced standing should be made to the Registrar of the College.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Credit for studies presented in preparatory schools corresponding to college courses may be obtained by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics

may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Registrar of the College.

6. Credit thus obtained may be used:

1. In anticipation of required courses.
2. To count toward graduation in less than four years. (See page 24.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

Course of Study

ALL candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include Mathematics 1, 2, English 1, 2, two years of college Greek or Latin, two years of science in the group Biology, Chemistry, and Physics, and in addition to the forty courses, the required work in Public Speaking 2 and 3 and Physical Education 2, 4, and 6.

A reading knowledge of German *or* a Romance language (French, Italian or Spanish) is required for a degree.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

The course of study must be so arranged that it will include three majors and one minor *or* two majors which shall begin not earlier than Sophomore year.

A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Majors may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which he completes parallel courses in either Junior or Senior year. Parallel courses in Junior year do not constitute a minor.

All courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, B, which are four-hour courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester. No student is allowed to take more than six courses in a semester.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Old Requirement

Classes of 1915, 1916, 1917

Those who present for admission Latin 1, 2, 4 and 5 and Greek A, B, C, H, and F are required to study both those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives.

Those who present for admission only one ancient language, Latin 1, 2, 4 and 5 or Greek A, B, C, H and F, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

Biology 1–2
Chemistry 1–2
Physics 1–2*
French 1–2, 3–4, 5–6
German 1–2, 3–4, 5–6
Greek A, B, C, 1, 2, 4
Italian 1–2
Mathematics 11–12, or 14
Social and Economic Institutions 1, 2
Spanish 1–2

NEW REQUIREMENT

CLASS OF 1918 ONLY

1. English
2. Mathematics
3. Ancient Language

Two subjects out of the following three groups, but not more than one subject from any one group.

4, 5.
- A. Foreign Language
- B. Social and Economic Institutions
- C. Biology, Chemistry, Physics*

6. Hygiene and Physical Education, two semesters
7. Public Speaking, second semester

* Physics 1–2 is open only to those freshmen who have credit for Mathematics D and F, and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

† Students who enter under Groups II and III and elect a modern language or Greek A, B as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

STUDIES OF SOPHOMORE YEAR

Old Requirement

Classes of 1915, 1916 and 1917

In Sophomore year all students are required to take either Sophomore Greek or Sophomore Latin, a modern language, two subjects chosen from Biology, Chemistry, English, History, Mathematics, Philosophy and Physics, and in addition one course from the electives open to Sophomores and the required courses in Physical Education 3, 4 and Public Speaking 3.

B. A.

1. Ancient Language.
2. Modern Language.
3, 4. Two subjects from Biology, Chemistry, English, History, Mathematics, Philosophy, Physics.
5. Elective.

B. S.

1. Modern Language.
2. Physics 1, 2.
3. English 5, 6.
4. One subject from Biology, Chemistry, History, Mathematics, Philosophy.
5. Elective.

New Requirement

Class of 1918 only

1. Ancient Language, continued.

One subject from each of the following groups:

2. A. English, Modern Language, Music.
3. B. Biology, Chemistry, Mathematics, Physics.
4. C. History, Philosophy.
5. Elective.
6. Physical Education, both semesters.
7. Public Speaking, first semester.

If the reading requirement of a modern language has not been satisfied during Freshman year a modern language must be elected in Sophomore year.

STUDIES OF JUNIOR YEAR

Old Requirement

Classes of 1915, 1916, 1917

In Junior year all students are required to pursue three subjects chosen as majors, one subject chosen from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, and Physics, and one course from the electives open to Juniors. In addition, he must complete the required work in Physical Education.

1. *Major 1.
2. Major 2.
3. Major 3, or elective (under New Plan of majors).
4. One subject from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, or Physics.
5. Elective.

New Requirement

Class of 1918 only

1. *Major 1.
2. Major 2.
3. Elective.
4. Elective
5. Elective.
6. Physical Education, both semesters.

* A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses.

STUDIES OF SENIOR YEAR

Old Requirement

Classes of 1915, 1916, 1917

In Senior year all students are required to complete the second major, in case it has not been completed in Junior year, the third major, a minor, and two elective courses, or three elective courses if the new degree requirements of two majors for the degree are adopted.

New Requirement

Class of 1918 only

1. Major 1.
2. Major 2.
3. Elective.
4. Elective.
5. Elective.

STUDIES OF SPECIAL STUDENTS

Special students must take as many courses as are taken by regular students. The first year they must study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

A student entering as a special student may enroll in the course leading to the Arts degree by satisfying the requirements for admission to that course. If he presents no ancient language for admission, he may satisfy that requirement by taking Greek A, B, C in college.

RULES FOR THE ELECTION OF STUDIES

Choice of electives is made for the year and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the second week of the first semester.

Choice of electives for the following year must be made on or before the Saturday preceding the semester examinations in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. For a change of electives a fee of two dollars is imposed.

The card of elections must be approved and signed by a member of the Instruction Committee before it is handed in.

Candidates for the degree of Bachelor of Arts must complete two years of science in the following group: Biology, Chemistry, Physics.

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in a, b, and c.

a. Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

b. Astronomy 2 or 4 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Senior year, may be counted as a year course, which with Astronomy 1, 2 or 1, 4 may constitute a minor.

Not more than two courses taken simultaneously in one subject or under one instructor may count toward a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

COURSES OF INSTRUCTION IN DETAIL

ART

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

PROFESSOR SMITH.
(Omitted in 1914–1915.)
Elective for Juniors.

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Mon., Wed., Fri., 11.30, Williston 3, PROFESSOR BAXTER.
Elective for Juniors.

ASTRONOMY AND NAVIGATION

1. General and descriptive astronomy; Todd's *New Astronomy;* lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, PROFESSOR TODD.
Elective for Juniors.

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope. The course includes the theory of the construction, adjustment and use of the instruments of the observatory. Each student makes observations and completely calculates or reduces them. The course includes

also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(Mathematics 1, 2, 4, 5, and Astronomy 1 requisite.)
Tu., Sat., 8.35, Thu., 2, Appleton 1, PROFESSOR TODD.
Elective for Juniors.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)
Mon., Wed., 9.30, Fri., 3, Appleton 1, PROFESSOR TODD.
Elective for Seniors.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. Old Testament: the formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

PROFESSOR GENUNG.
(Omitted 1914–1915.)
Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; culmination and decline of prophecy; lines of post-exilic literature.

PROFESSOR GENUNG.
(Omitted 1914–1915.)
Elective for Juniors.

3. New Testament: coming of the Son of Man, and characteristics of His word and work.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.
Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

Mon., Wed., Fri., 11.30, Walker 7, Professor Genung.
Elective for Juniors.

BIOLOGY

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, Professor Tyler.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, Professor Loomis.
Elective for Freshmen.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. Professors Tyler and Loomis.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.
Elective for Freshmen.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

Laboratory work two hours a week.
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Tyler.
B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Tyler.
Elective for Sophomores.

4. Evolution and distribution of the vertebrates.

(Biology 3 requisite.)
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Loomis.
B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Loomis.
Elective for Sophomores.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)
Tu., 3, Thu., Fri., 9.30, Appleton 3, Professor Goodale.
Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Tu., 3, Thu., Fri., 9.30, Appleton 3, Professor Goodale.
(Omitted in 1914–1915.)
Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Laboratory work two hours a week.
Tu., Sat., 10.30, Wed., 3, Biological Laboratory, Professor Loomis.
Elective for Juniors.

10. Human Physiology.

Laboratory work two hours a week.
Tu., Sat., 10.30, Wed., 3, Biological Laboratory, Professor Phillips.
Elective for Juniors.

11. Biological problems.

(Biology 4 requisite)
Tu., Thu., Sat., 11.30, Biological Laboratory, Professor Loomis.
Elective for Seniors.

12. Anthropology.

(Biology 4 requisite) Tu., Thu., Sat., 11.30, Biological Laboratory, Professor Tyler.
Elective for Seniors.

CHEMISTRY

1. General chemistry; the non-metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS DOUGHTY, and DR. ZINN.
Elective for Freshmen.

2. General chemistry; the metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS, DOUGHTY, and DR. ZINN.
Elective for Freshmen.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Two hours class-room work and three hours of laboratory work each week. (Chemistry 1, and 2 requisite. Students electing this course are advised to take Physics 1 and 2.)
Tu., 2–5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY, and DR. ZINN.
Elective for Sophomores.

4. Qualitative analysis; reactions and detection of the common metallic and acidic ions.

Two hours of class-room work and three hours laboratory work each week. (Chemistry 1, 2, and 3 requisite.)
Tu., 2–5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY, and DR. ZINN.
Elective for Sophomores.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Six hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2–4, Wed., Thu., 10.30–12.20, Chemical Laboratory, Dr. Zinn.
Elective for Juniors.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Three hours class-room work and three hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)
Mon., 2–6, Wed., Thu., 10.30, Chemical Laboratory, Professor Doughty.
Elective for Juniors.

ECONOMICS

1, 2. Outlines of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 5, Professor Crook.
Tu., 2, Thu., Fri., 8.35, Chapel 3, Professor Clark.
Elective for Juniors.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, Professor Crook.
Elective for Seniors.

5. Economic History of the United States.

(Economics 1 and 2 requisite.)
Tu., Sat., 10.30, Wed., 3, Chapel 3, Professor Clark.
Elective for Seniors.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, Professor Crook.
Elective for Seniors.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)
Tu., Sat., 10.30, Wed., 3, Chapel 3, Professor Clark.
Elective for Seniors.

The Department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

ENGLISH

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; five plays of Shakespeare, a Greek tragedy, the English Bible, essays of Carlyle and Stevenson, poems of Burns and Tennyson; themes and reports.

A. Mon., Wed., Fri., 11.30, Williston 1, Professor Utter.
B. Tu., 2, Thu., Fri., 8.35, Walker 8, Professor Andrews.
C. Mon., Wed., 9.30, Fri., 3, Walker 8, Professor Andrews.
D. Mon., Wed., 9.30, Fri., 3, Williston 1, Professor Utter.
F. Mon., Wed., Fri., 11.30, Walker 8, Professor Andrews.
Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the nineteenth century.

A. Tu., Sat., 10.30, Wed., 3, Williston 1, Professor Hamilton.
B. Mon., 2, Wed., Thu., 10.30, Williston 1, Professor Hamilton.
C. Tu., Thu., Sat., 11.30, Williston 1, Professor Hamilton.
Elective for Sophomores.

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker 7, Professor Genung.
Elective for Juniors.

9, 10. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Fri., 10.30, Wed., 2, Walker 7, Professor Churchill.
(Omitted in 1914–1915.)
Elective for Juniors.

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

Mon., and Fri., 10.30, Wed., 2, Walker 7, Professor Churchill.
Elective for Juniors.

13, 14. The English Novel; its form and development.

Mon., 2, Wed., Thu., 10.30, Professor Utter.
Elective for Juniors.

15. Elizabethan Literature, 1557–1604; study of lyric and dramatic poetry; early English prose.

Mon., 2, Wed., Thu., 10.30, Williston 1, Professor Hamilton.
(Omitted in 1914–1915.)
Elective for Juniors.

16. English Literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

Mon., 2, Wed., Thu., 10.30, Williston 1, Professor Hamilton.
(Omitted in 1914–1915.)
Elective for Juniors.

17, 18. Advanced Composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., 9.30, Thu., 3 and 4, Professor Utter.

19, 20. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)

Thu., Fri., 9.30, Tu., 3, Walker 13, Professor Churchill.
Elective for Seniors.

21. American Literature.

Mon., 2, Wed., Thu., 10.30, Walker 13, Professor Andrews.
Elective for Seniors.

22. Recent authors, English and American.

Mon., 2, Wed., Thu., 10.30, Walker 13, Professor Andrews.
Elective for Seniors.

23. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of Old English.

Wed., Thu., 10.30, Mon. 2, Walker 13, Professor Churchill.
(Omitted in 1914–1915.)

24. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales;* lectures on the history of Middle English and its development into Modern English; Sweet's *Second Middle English Primer.*

Wed., Thu., 10.30, Mon., 2, Walker 13, Professor Churchill.
(Omitted in 1914–1915.)

25. Old English Literature. This course is given in alternate years with the linguistic course, 23, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, Professor Churchill.
(Omitted in 1914–1915.)
Elective for Juniors.

26. Middle English Literature. This course is given alternate years with 24. Special attention is paid to Middle

English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, Professor Churchill.
(Omitted in 1914–1915.)
Elective for Juniors.

GEOLOGY

1. Structural and dynamical geology and physiography.

Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, Professor Emerson.
Elective for Juniors.

2. Historical geology, paleontology.

For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.
Mon., Wed., Fri., 11.30, Geological Laboratory, Professor Emerson.
Elective for Juniors.

3. Field and laboratory geology.

Two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.
(Geology 1 and 2 requisite.)
Geological Laboratory, Professor Emerson.
Elective for Seniors.

4. Mineralogy continued until the weather allows field work, when a survey will be made of an area of rocks in the Holyoke Range.

Two full afternoons a week.
(Geology 1 and 2 requisite.)
Geological Laboratory, Professor Emerson.
Elective for Seniors.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)
Fri., 2., Geological Laboratory, Professor Emerson.
Elective for Seniors.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)
Elective for Seniors.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)
Geological Laboratory, Professor Emerson.
(Laboratory hours in courses 3 to 8 are arranged with the teacher.)
Elective for Seniors.

GERMAN

1, 2. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections. *Equivalent to entrance German A.*

A. Mon., Fri., 10.30, Wed., 2, Barrett 3, Professor Eastman.
B. Tu., 2, Thu., Fri., 8.35, Barrett 4, Professor Manthey-Zorn.

3, 4. Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

A. Mon., Wed., 9.30, Fri., 3, Barrett 4, Professor Manthey-Zorn.
B. Tu., 3, Thu., Fri., 9.30, Barrett 3, Professor Eastman.

5a. Goethe's dramas; lectures and essays.

Tu., 2, Thu., Fri., 8.35, Barrett 3, Professor Eastman.

5b. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, Professor Manthey-Zorn.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

A. Tu., 2, Thu., Fri., 8.35, Barrett 3, Professor Eastman.
B. Tu., Sat., 9.30, Thu., 3, Barrett, 4, Professor Manthey-Zorn.

7, 8. The German novel of the nineteenth century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, Professor Eastman.
(Omitted in 1914–1915.)
Elective for Sophomores.

9, 10. Modern German drama.

A. Tu., Sat., 8.35, Thu., 2, Barrett 4, Professor Manthey-Zorn.
B. Tu., Thu., Sat., 11.30, Barrett 4, Professor Manthey-Zorn.
Courses 7, 8 are given alternate years with courses 9, 10.
Elective for Sophomores.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

Elective for Juniors.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.
Hours arranged at the convenience of instructor and students.
Elective for Juniors.

GOVERNMENT

1. Principles of Political Science; the fundamental principles of the state, of government, sovereignty, and law; a discussion of the relations of state to individual and of state to state; and an outline of state functions. One year of History Required.

2. Comparative Government; an outline of the organization and actual operation of the governments of leading

modern states, with especial emphasis on the United States, England, Germany, and France.

Tu., Sat., 8.35, Thu., 2, Walker 13. Mr. Gettell.
Elective for Seniors.

GREEK

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Fri., 8.35, Chapel 1, Professor Elwell.
Elective for Freshmen.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Tu., 3, Thu., Fri., 9.30, Chapel 1, Professor Elwell.
Greek A, B and C are given to three or more students on application. To obtain credit for a year course, those who complete Greek C should take Greek 2.
Elective for Freshmen.

1. Homer, *Odyssey.*

2. Plato; *Apology* and *Crito.*

Mon., Wed., Fri., 11.30, Williston 3, Professor Smith.
Elective for Freshmen.

3. Introduction to Greek tragedy. Sophocles, *Antigone*; Euripides, *Hippolytus*; lectures on the development of tragedy and the theatre; study of other selected dramas in an English Translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

4. Aristotle; *Ethics;* or Marcus Aurelius Antoninus: *To Himself.*

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

5. The Greek historians: Herodotus, Thucydides.

Mon., Wed., 8.35, Fri., 2, Chapel 1, Professor Elwell.
Elective for Juniors.

6. The New Testament, the Acts of the Apostles.

Mon., Wed., 8.35, Fri., 2, Chapel 1, Professor Elwell.
Elective for Sophomores.

7. The later Greek poets: Theocritus, Bion, Moschus; the Greek Anthology.

Tu., 2, Thu., Fri., 8.35 Williston 3, Professor Smith.
Elective for Juniors and Seniors.

8. Greek drama: Aeschylus, Aristophanes and Menander.

Tu., 2, Thu., Fri., 8.35 Williston 3, Professor Smith.
Elective for Juniors and Seniors.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 8, Dr. Morse.
Elective for Sophomores.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 8, Dr. Morse.
Elective for Sophomores.

3. English history, 1066–1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

5. American history, 1492–1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Mon., Wed., 9.30, Fri., 3, Walker 13, Professor Gallinger.
(Omitted 1914–1915.)
Elective for Juniors.

6. American history 1750–1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Mon., Wed., 9.30, Fri., 3, Walker 13, Professor Gallinger.
(Omitted 1914–1915.)
Elective for Juniors.

9. European history, 1648–1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Mon., Wed., 8.35, Fri. 2, Walker 12, Professor Gallinger.
Elective for Juniors.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and

Germany; social and industrial progress; the expansion of Europe.

Mon., Wed., 8.35, Fri., 2, Walker 12, Professor Gallinger.
Elective for Juniors.

11. Political and constitutional history of the United States to the election of Jackson, 1783–1828.

Tu., 2, Thu., Fri., 8.35, Walker 14, Dr. Morse.
Elective for Seniors.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri., 8.35, Walker 14, Dr. Morse.
Elective for Seniors.

HYGIENE AND PHYSICAL EDUCATION

1, 2. Personal hygiene, lectures on fundamental laws affecting health. Physical exercise, in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Tu., Thu., Sat., 11.30, Gymnasium
Freshmen unable to swim are required to take (B).

3, 4. Physical exercises in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).
Tu., Thu., Fri., 5, Gymnasium.

5, 6. Physical exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

Tu., Thu., Fri., 4, Gymnasium.

LATIN

1. Cicero, *De Senectute* or *De Amicitia:* Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes:* Ovid, *Metamorphoses.*

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, Professor Houghton.
B. Tu., Sat., 8.35, Thu., 2, Chapel 6, Professor Bennett.
C. Mon., Wed., 9.30, Fri., 3, Chapel 6, Professor Bennett.
D. Mon., Wed., Fri., 11.30, Chapel 2, Professor Houghton.
E. Mon., 2, Wed., Thu., 10.30, Chapel 2, Professor Bennett.
F. Tu., 3, Thu. Fri., 9.30, Williston 4, Professor Cowles.

Required course for Freshman.

3. Plautus, *Trinummus;* Terence, *Adelphoe,* with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania.* Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

A. Tu., Sat., 8.35, Thu., 2, Williston 4, Professor Cowles.
B. Tu., Sat. 9.30, Thu. 3, Williston 4, Professor Cowles.
C. Tu., Sat., 9.30, Thu., 3, Chapel 6, Professor Bennett.

Elective for Sophomores.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

Tu., 3, Thu., Fri., 9.30, Chapel 2, Professor Houghton.

Elective for Juniors.

6. Prose writers of the Silver Age: Tacitus, Quintilian, Seneca.

Tu., 3, Thu., Fri., 9.30, Chapel 2, Professor Houghton.
Elective for Juniors.

7. Lucretius. Criticism and interpretation of the *De Rerum Natura*, with emphasis on the philosophic content.

Tu., Thu., Sat., 11.30, Chapel 2, Professor Houghton.
Elective for Juniors.

8. Vergil, *Æneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature.

Tu., 3, Thu., Fri., 9.30, Chapel 2, Professor Bennett.
Elective for Juniors.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Those who at entrance have presented credit for Mathematics b, d, and f are not required to take Mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who have presented one point credit in advanced Mathematics are required to take a year of Mathematics in college and should elect Mathematics 11 and 2.

Those who have presented ½ point credit in advanced Mathematics are required to complete Mathematics 1 and 2.

A. Tu., Sat., 9.30; Mon., 4, Thu., 3.; Walker 5, Professor Parker.
B. Tu., Sat., 8.35; Mon., Thu., 2; Walker 5, Professor Esty.
C. Tu., Sat., 10.30; Mon., Wed., 3; Walker 2, Professor Olds.
D. Tu., Sat., 8.35; Mon., Thu., 2; Walker 2, Professor Cobb.
E. Tu., Sat., 10.30; Mon., Wed., 3; Walker 2, Professor Cobb.
Required Course for Freshmen.

3. Analytical geometry continued; introduction to calculus.

Mon., Wed., Fri., 11.30, Walker 2, Professors Olds and Cobb.
Elective for Sophomores.

4. Differential and integral calculus.

Mon., Wed., Fri., 11.30, Walker 2, Professors Olds and Cobb.
Elective for Sophomores.

5. Calculus continued; introduction to differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professors Olds and Parker.
Elective for Juniors.

6. Vector analysis, with special applications to analytical mechanics.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.
Elective for Juniors.

7. Analytical mechanics; differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.
Elective for Seniors.

8. Advanced analytical geometry and advanced integral calculus.

Course 10 is given alternate years with Course 8.
Mon., Wed., 8.35, Fri., 2, Walker 2. Professor Olds.
Elective for Seniors.

10. Introduction to the theory of functions.

(Omitted 1914–1915.)
Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Olds.
Elective for Seniors.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of Descriptive Geometry, Drawing and Lettering.

(Solid Geometry requisite.)
Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

12. Advanced Descriptive Geometry.

(11 requisite.)
Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

13. Descriptive Geometry of Warped Surfaces.

(11, 12 requisite.)
Thu., Fri., 9.30, Tu., 3, Walker 11, PROFESSOR PARKER.

14. Mechanical Drawing.

(11 requisite.)
Thu., Fri., 9.30, Tu., 3, Walker 11, PROFESSOR PARKER.

MUSIC

1, 2. Theory of Music; harmony.

Tu., Thu., 11.30, Music Room, PROFESSOR BIGELOW.
(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu. 7.30.)
Elective for Sophomores.

3, 4. The art of Music, its development and forms; appreciation of masterpieces.

Chorus and orchestra as above. (1, 2 not prerequisite.)
Mon., Wed., 8.35, Fri., 2, PROFESSOR BIGELOW.
Elective for Sophomores.

5, 6. The Music Dramas of Richard Wagner. *Die Meistersinger, Der Ring des Nibelungen, Parsifal,* etc., as time may permit.

Mon., Wed., Fri., 11.30, Music Room, PROFESSOR BIGELOW.

This course may be used to complete a major in either Music or German.

Pianos and a large orchestrelle are placed at the disposal of students taking these courses.

Elective for Juniors.

7, 8. Chorus and Orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu., 7.30, Professor Bigelow.

During the college year 1914–1915 the two oratorios *Messiah* and *Elijah* will be given by the combined choruses and orchestras of Amherst and Smith Colleges.

Two rehearsals, amounting to an average of three hours a week are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a major or a minor subject. Special registration at the Registrar's office is required for Courses 7 and 8.

College Choir

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

PHILOSOPHY

1. Logic. A study of the aims and methods of thinking.

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, Professors Meiklejohn and Toll.

Elective for Sophomores.

2. Ethics. A study of the nature and significance of conduct.

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, Professor Newlin.
Elective for Sophomores.

3. General psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Wed., 9.30, Fri., 3, Walker 10, Professor Toll.
Elective for Juniors.

4. Advanced psychology. A detailed study of some of the problems and theories of modern psychology.

Mon., Wed., 9.30, Fri., 3, Walker 10, Professor Toll.
Elective for Juniors.

5. History of ancient philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Toll.
Elective for Juniors.

6. History of modern philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Newlin.
Elective for Juniors.

7. Philosophy. A study of political ethics with special reference to its bearing on social problems; æsthetics; philosophy of religion.

1, 2 or 5, 6 requisite.
Mon., 2, Wed., Thu., 10.30, Walker 10, Professor Newlin.
Elective for Seniors.

8. Social ethics (seminar). A study of philosophical prin-

ciples in their application to the modern problems of philanthropy, industry and social life.

1, 2 or 5, 6 requisite.

Mon., 2, Wed., Thu., 10.30, Walker 10, PROFESSOR NEWLIN.

Elective for Seniors.

Instructor's approval requisite to election of this course.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON AND WESTHAFER.

Elective for Sophomores.

Students who are credited with courses 1 and 2 may choose either Course 3 followed by 4, 6 or 8, or Course 5 followed by 4 or 6.

3. Diffraction and polarized light with introduction to thermodynamics.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR KIMBALL.

4. Electricity and magnetism and electrical measurements.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR J. O. THOMPSON.

5. Dynamo-electric machinery, and theory of alternating currents of electricity.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR J. O. THOMPSON.

6. Electric discharge through gases; radioactivity and electric waves.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR KIMBALL.

8. Thermodynamics applied to problems in physical chemistry.

Mon., Wed., 8.35, Fri., 2, Physical Laboratory, PROFESSOR WESTHAFER.

9, 10. Advanced laboratory work, open to those who have completed four semesters in physics. Six hours laboratory work each week.

Mon., Wed., 8.35, Fri., 2, Physical Laboratory, PROFESSOR KIMBALL.

PUBLIC SPEAKING

2. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Chapel 7, PROFESSOR CORSA.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, PROFESSOR CORSA.

Required of all Sophomores.

5, 6. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussion; speeches.

Tu., Sat., 8.35, Thu., 2, Chapel 7, PROFESSOR CORSA.

Elective for Juniors.

This course ends May 1st. To count for the degree, courses 5 and 6 must be supplemented by course 7, which must be taken as an extra course in Senior year.

7. Debates on social, economic, historical, and political questions.

Tu., 4, Chapel 7, PROFESSOR CORSA

Elective for Seniors.

This is a one-hour course continuing till the end of the first semester. It may count for a degree only when taken as an extra course in combination with courses 5 and 6.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation. *Equivalent to Entrance French A.*

A, Tu., 2, Thu., Fri., 8.35, Barrett 7, Professor Stowell.
B, Mon., 2, Wed., Thu., 10.30, Barrett 7, Professor Stowell.
Elective for Freshmen.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation. *Equivalent to Entrance French B.*

A, Tu., 3, Thu., Fri., 9.30, Barrett 7, Professor Stowell.
B, Tu., Sat., 8.35, Thu., 2, Barrett 8, Professor Lancaster.
Elective for Freshmen.

5. 6. French Classics of the seventeenth, eighteenth and nineteenth centuries.

A, Tu., Sat., 9.30, Thu., 3, Barrett 8, Professor Lancaster.
B, Tu., Sat., 10.30, Wed., 3, Barrett 8, Professor Lancaster.
Elective for Freshmen.

7, 8. The Novel.

(5 and 6 requisite.)
Mon., Fri., 10.30, Wed., 2, Barrett 8, Professor Stowell.
Elective for Sophomores.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.) Tu., Thu., Sat., 11.30, Barrett 5, Professor Lancaster.
Elective for Juniors.

10. The Contemporary Novel.

(9 requisite.)
Tu., Thu., Sat., 11.30, Barrett 5, Professor Stowell.
Elective for Juniors.

11, 12. Literary Monuments of Old and Modern French.

Given on application of three or more students who have completed 9, 10.
PROFESSORS LANCASTER and STOWELL.
Elective for Seniors.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

Tu., Sat., 9.30, Thu., 3, Barrett, 6, PROFESSOR BAXTER.
Elective for Sophomores.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.
Elective for Juniors.

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.
(Omitted 1914–1915).
Elective for Juniors.

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1 and 2 requisite; may not be taken the same year as Italian 1, 2.)
Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR BAXTER.
Elective for Sophomores.

3, 4. Spanish literature of the sixteenth and seventeenth centuries: the novel, the drama and the ballads.

Tu., 3, Thu., Fri., 9.30, Barrett 6, PROFESSOR BAXTER.
Elective for Juniors.

SOCIAL AND ECONOMIC INSTITUTIONS

1, 2. A study of social, political, and economic institutions intended to serve as an introduction to courses in History, Philosophy, Economics, and Government.

Mon., Wed., 8.35, Fri., 2, Tu., Sat., 9.30, Thu., 3. Walker 8, MR. GETTELL. *Elective for Freshmen.*

THE HENRY WARD BEECHER LECTURESHIP

This lectureship was founded by Frank L. Babbott, M.A., of the class of 1878 in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social and Economic Sciences.

THE CLYDE FITCH FUND

Of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

WILLIAM BREWSTER CLARK MEMORIAL LECTURESHIP

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M. D., of the class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the college in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE HENRY T. MORGAN LIBRARY

The library contains about one hundred and seven thousand volumes. The funds available for the increase of the library yield an annual income of about seven thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the several departments.

Members of the College are allowed free access to the book shelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M., every day except Sun-

days and holidays. During vacations the library and reading-room are open daily, except Saturday, from 10 to 12 and from 2 to 4.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall and the vestibule and stairway leading to it has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, also in Williston Hall, possess many casts in

bronze and plaster, as well as collections of photographs, engravings, and stereopticon slides. In the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B. C., which were obtained by the late Henry Lobdell, D.D., of the class of 1849, from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

FAYERWEATHER LABORATORY

The Fayerweather Chemical Laboratory contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a lecture-room, and adjoining is a room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the workroom of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The Fayerweather Physical Laboratory has on the main floor a lecture-room and an apparatus room with a collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a workshop and dynamo room, with steam and water power.

BIOLOGICAL AND GEOLOGICAL LABORATORIES

The biological and geological laboratories occupy a large building on the south side of the campus. On the first floor is the biological museum and on the second floor the geological and mineralogical museum. There are lecture rooms, laboratories, and working rooms, on both floors and in the basement.

The geological museum comprises the Woods Cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the Hitchcock Ichnological collection, named after President Hitchcock, containing over twenty thousand tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farnam, LL.D., of the class of 1855, are in the biological museum.

APPLETON CABINET

Appleton Cabinet contains the botanical laboratory, the astronomy recitation room, the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by gifts from Alumni.

THE OBSERVATORY

The new observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-

fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin and Greek lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building erected in 1859, was the first college gymnasium in this country. It was named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages.

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, was erected in 1828. In addition to Johnson Chapel, where morning prayers are conducted, it contains eight recitation rooms.

THE COLLEGE CHURCH

The College Church, the gift of the late William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings assembled.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the department. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and

twenty-two wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one-third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

HITCHCOCK MEMORIAL FIELD

The large open field of forty acres situated south of the gymnasium has been named Hitchcock Memorial Field in memory of Edward Hitchcock, M.D., LL.D., who was for fifty years Professor of Physical Education and Hygiene at Amherst College.

The field slopes toward the south, with a difference of elevation of about 100 feet from the Pratt Gymnasium to the railroad. The upper part of the field is the steeper, with a very quick slope close to the Natatorium.

The field is designed to provide an exercising ground for the entire college. Intercollegiate sports will continue, as at present, on the specially arranged and well-equipped Pratt Field. The Pratt Gymnasium and Natatorium is naturally the center of interest and a starting point for those using Hitchcock Field. In the plan it is made the central feature, from which walks will lead to all parts of the field. To the south two walks, on either side of the gymnasium, will lead across three terraces to the large fields for baseball, football, or soccer and a quarter-mile straightaway running track near the southern boundary. To the east the walks will lead down to an oval quarter-mile running track, 100-yards and 220-yards dash, and the straightaway running course.

The plan of development contemplates three terraces 120 feet in width, the central portion to be grassed and used for gymnastic class work or smaller sports. On the sides 36 gravel tennis courts and 6 basketball courts can be arranged. It will be possible to secure, in addition, 5 ball fields, 6 football or soccer fields, a quarter-mile oval and a quarter-mile straightaway, 100-yards and 200-yards dash, a one mile cross country run, jumping boxes, hurdles, skeeing, sliding, and lacrosse. Skating can be secured by making ice on the level fields after the ground is frozen. When fully completed, the field will accommodate at one time about 300 men, all exercising in some portion of the grounds. Approximately one sixth of the field has been completed and the remainder of the work will be pushed forward as rapidly as funds can be secured.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A.,

of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two or three students.

Morris Pratt Memorial Dormitory was given by Mr. and Mrs. Charles M. Pratt as a memorial to their son, who was for a time a member of the class of 1911. The rooms are arranged on the plan of a study with two bedrooms, and single rooms. The building is one of the best examples of

FAYERWEATHER LABORATORIES

the modern college dormitory. The construction is fireproof throughout. There is a large and beautiful resort room on the first floor. The rooms are arranged either as single rooms, or in suites of a study and either one or two bedrooms.

The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The rooms are unfurnished. The floors are hardwood, and may be left uncarpeted and used with rugs. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to engage the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class. Application for rooms should be made to the Treasurer.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer

before July 15. After the June examinations all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.
$60, North College, Nos. B, E; South College, 11, C.
$65, South College, B.
$70, Morris Pratt Memorial Dormitory, Nos. 110, 111.
$80, South College, No. 14; Morris Pratt Memorial Dormitory, Nos. 102, 103, 210, 211, 310, 311.
$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.
$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32; Morris Pratt Memorial Dormitory, Nos. 202, 203, 302, 303.
$95, South College, Nos. 18, 19, 25, 28.
$100, North College, Nos. 2, 17; South College, Nos. 2, 17.
$110, North College, Nos. 13, 30; South College, No. 13.
$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.
$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.
$125, South College, Nos. 22, 23, 26, 27.
$135, North College, Nos. 6, 21; South College, Nos. 6, 21.
$140, Morris Pratt Memorial Dormitory, No. 410.
$150, Morris Pratt Memorial Dormitory, No. 402.
$160, Morris Pratt Memorial Dormitory, Nos. 405, 406, 407, 408.
$175, South College, Suite 14, 14A, and 14B.
$180, Morris Pratt Memorial Dormitory, Nos. 401, 404, 409, 412.
$185, South College, Suite 10, 10A, and 10B.

(10 B at $45 may be rented with 11 as a suite at $105. 14 B at $45 may be rented with 15 as a suite at $100.)

$200, Morris Pratt Memorial Dormitory, Nos. 105, 108, 205, 206, 207, 208, 305, 306, 307, 308.
$225, Morris Pratt Memorial Dormitory, Nos. 101, 104, 109, 112, 201, 204, 209, 212, 301, 304, 309, 312.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN FOR 1914

Mervin Washington Bliss
Percival Floyd Bliss
John Tilney Carpenter
*Maurice Frederick Childs
*Frank Halliday Ferris
*Frank Clifford Finch
*Charles Glann
Guy Harry Gundaker
Ralph Alphonso Lawrence
Hallock Luce, Jr.
Alfred Edward Mallon
George Verdi Morse
*Philip West Payne
Lowell Shumway
Cameron Whiteford

The Bond Prize was awarded in 1914 to Maurice Frederick Childs.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a grade of 88 per cent. are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a grade of 85 per cent. are, on recommendation of the Faculty, elected members of the society.

*Selected by competition as Commencement Speakers.

PHI BETA KAPPA 1914

President: PROFESSOR JOHN M. TYLER, PH.D.
Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.
Recording Secretary: FREDERICK C. ALLEN.

First Drawing, Class of 1915

Walter Raymond Agard
Frederick Crosby Allen
George Leon Cutton
Louis Franklin Eaton
Stuart Franklin Heinritz
Sidney Raymond Packard
Hollis Winslow Plimpton

Second Drawing, Class of 1914

Mervin Washington Bliss
Percival Floyd Bliss
John Tilney Carpenter
Frank Halliday Ferris
Frank Clifford Finch
Guy Harry Gundaker
Hallock Luce, Jr.
Alfred Edward Mallon
Philip West Payne
Cameron Whiteford

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete at least four advanced semester courses in connection with two of which special work of collateral reading or investigation must be done. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 per cent in all studies of the college course; an average standing of not less than 75 per cent in each study of Senior year, and of 90 per cent in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

FINAL HONORS 1913–1914

John Cuthbert Long Frank Halliday Ferris	*English*
Percival Floyd Bliss John Tilney Carpenter	*Greek*
Percival Floyd Bliss Charles Glann	*Mathematics*
Hallock Luce, Jr. Alfred Edward Mallon George Verdi Morse	*Modern Government and International Law*

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

(1) There must be a standing of not less than 75 per cent in every department for the year.

(2) An average of 93 per cent must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

HONORABLE MENTION

1913–1914

Astronomy

1915 Hollis Winslow Plimpton 1915 George Keyes Ripley

Chemistry

1915 Francis Wesley Blair
1915 Everett Webb Fuller
1917 Harold Addison Smith

Economics

1914 James Richard Kimball

English

1914 Fred Everett Glass
1914 John Cuthbert Long
1915 Walter Raymond Agard
1914 Harold Ernest Jewett
1914 Philip West Payne
1915 Stuart Franklin Heinritz

French

1914 Cameron Whiteford
1915 Sidney Raymond Packard
1916 Wilbur Clark Knowlton

German

1914 Guy Harry Gundaker
1915 Robert Andrew McCague
1916 Eugene Stinson
1917 Morris Albert Copeland
1914 Cameron Whiteford
1915 Sidney Raymond Packard
1917 George Everett Baril
1917 Franklin Powers Hawkes

Greek

1914 Frank Halliday Ferris
1915 Walter Raymond Agard
1914 Percival Floyd Bliss
1914 Cameron Whiteford

History

1914 John Tilney Carpenter
1914 Charles Glann
1914 Frank Clifford Finch
1915 Sidney Raymond Packard

Italian

1914 Guy Harry Gundaker

Latin

1914 Frank Halliday Ferris
1916 Lewis Mansfield Knapp
1917 John Dodge Clark
1915 Robert Andrew McCague
1917 George Everett Baril
1917 Carroll Blakely Low

Mathematics

1914 Mervin Washington Bliss
1914 Ralph Alphonso Lawrence
1915 Robert Selden Moulton
1915 Homer Morgan Smith
1916 Tony Barone
1917 Bradford Fisher Kimball
1914 Charles Glann
1915 George Leon Cutton
1915 Hollis Winslow Plimpton
1915 James Kellum Smith
1917 Morris Albert Copeland
1917 Harold Addison Smith

Modern Government and International Law

1914 Hallock Luce, Jr.
1914 George Verdi Morse

Music

1916 Lewis Mansfield Knapp
1916 Eugene Stinson

Philosophy

1914 Frank Halliday Ferris

Physics

1914 Frank Clifford Finch
1915 Hollis Winslow Plimpton
1916 William Goodwin Avirett
1916 Charles Hanchett Hitchcock

Prizes

THE following prizes are offered annually for proficiency in the work of several departments of collegiate study:

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Awarded in 1914 to Walter Raymond Agard of the Class of 1915.

LATIN

The Bertram Prizes, of fifty dollars each, given by the late John Bertram of Salem. For the year 1914–1915, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Æneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

Awarded in 1914 to Frank Halliday Ferris of the Class of 1914, and James Kellum Smith of the Class of 1915.

Two Junior Prizes, of thirty dollars each. For the year 1914–1915, one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1914 to George Rolfe Humphries of the Class of 1914 and James Kellum Smith of the Class of 1915 for excellence in Latin 5, George Rolfe Humphries of the Class of 1914 for excellence in Latin 6.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of

the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1914 the sum of thirty dollars was awarded to William Goodwin Avirett of the Class of 1916 and twenty dollars to Robert Matthews Proctor of the Class of 1916.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1914, first prize to Everett Merrill Root of the Class of 1917; second prize to Harold Addison Smith, of the Class of 1917.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

Awarded in 1913 to William Cole Esty, 2d, of the Class of 1916, and Mortimer Eisner of the Class of 1917.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1914: first prize to John Windrum Strahan of the Class of 1914; second prize to Charles Parks Rugg of the Class of 1914.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1914 to John Windrum Strahan of the Class of 1914.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

Awarded in 1914 to Maurice Frederick Childs of the Class of 1914.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the Class of 1875, for the best essay upon one of the subjects announced by the English department?

Awarded in 1913 to John Cuthbert Long of the Class of 1914.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

Awarded in 1914 to Frank Halliday Ferris of the Class of 1914.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Divided equally in 1913 among Fenimore Cady, Harry Wing Cole, Raymond Buxton Cooper, John Theodore Cross, Newton Manross Kimball, Edwin Harold Konold, Arthur Edward Ralston, Edward Alfred Van Valkenburg of the Class of 1915.

The Armstrong Prizes, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1914: First prize to Henry Willis Wells; second prize to Paul Alexander Jenkins; third prize to Morris Albert Copeland of the Class of 1917.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the Class of 1879. For the year 1914–1915 the prize will be assigned for the best work in the English course, 11 and 12, together with the best examination upon the dramatic work of Christopher Marlowe.

Awarded in 1914 to Wilson Macdonald of the Class of 1915.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

Second prize awarded in 1914 to Frank Halliday Ferris of the Class of 1914.

The Mitre Prizes for imaginative writing. Offered annually through *The Mitre*, a literary organization of the college, by F. Prentice Abbot, Jr., of the class of 1911. They include various sums for a novelette, one-act play, short story, verse, etc. Detailed announcement of these prizes will be made at the beginning of each college year.

Awarded in 1914: $50 for novelette, Harold Ernest Jewett of the Class of 1914; $35 for one-act play, Fred Everett Glass of the Class of 1914; $25 for short story, Eugene Stinson of the Class of 1916; $20 for long poem, Thomas Boston Munro, of the Class of 1916; $10 for light verse, Cameron Whiteford of the Class of 1916.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Awarded in 1914: first prize to Elbridge Alvah Goodhue of the Class of 1917; second prize to Morris Albert Copeland of the Class of 1917.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1914: first prize to Scott Milross Buchanan of the Class of 1916; second prize *not awarded.*

The award in each case is determined by an examination.

The Porter Prizes, of twenty dollars for proficiency in first year physics and astronomy, given by the late Eleazer Porter of Hadley.

Awarded in Physics in 1914 to William Goodwin Avirett of the Class of 1916 with honorable mention to Charles Hanchett Hitchcock of the Class of 1916; in Astronomy, to Louis Franklin Eaton of the Class of 1915.

The A. C. James Prize, of fifty dollars, for proficiency in the study of navigation.

Awarded in 1914 to Frank Clifford Finch, of the Class of 1914; honorable mention to Leslie Oliver Johnson, 1915, Hollis Winslow Plimpton, 1915.

A prize of thirty dollars, given by a member of the Class of 1884, for proficiency in the second year's course in Physics.

Awarded in 1914 to Hollis Winslow Plimpton of the Class of 1915.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior class in mineralogy.

Awarded in 1914 to Wendell Phillips Shattuck of the Class of 1914.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Awarded in 1914 to Phillips Foster Greene of the Class of 1915; honorable mention to Hallock Luce, Jr., 1914.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene. (Withdrawn after 1913–1914.)

Awarded in 1914: first prize to Richard Townley Hobart of the Class of 1917; second prize to Frank MacDonald Sleeper of the Class of 1917.

The A. Lyman Williston Prizes in Physical Education, of seventy-five dollars, given by A. Lyman Williston of Northampton in memory of his friend, teacher and co-trustee of Mount Holyoke College and Williston Seminary, Dr. Edward Hitchcock.

To the two members of the Freshman class who attain the highest rank in the course on personal hygiene, fifteen and ten dollars.

To the two members of the Junior class who, in the opinion of the department, have profited most from their three years' work in the Department of Hygiene and Physical Education, thirty and twenty dollars. (Beginning with the year 1914–1915.)

A scholarship of fifty dollars at the Woods Hole Marine Laboratory given annually by the Phi Delta Theta Fraternity to that student who has shown the greatest proficiency in Biology.

Awarded in 1914 to Phillips Foster Greene of the Class of 1915.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1914–1915 to Carter Lyman Goodrich of the Class of 1918 who prepared for College at the Montclair, N. J., high school.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the Class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

Not awarded in 1914.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Awarded in 1914 to Sydney Dakin Chamberlain of the Class of 1914.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in

regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1914 to the Class of 1916.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred and fifty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hun-

dred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90% to 100%), of the second grade, to students whose average standing is B (80% to 89%); of the third grade, to students whose average standing is C (70% to 79%). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70% shall be maintained. Those who intend to enter the Christian ministry are awarded scholarships on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, $25,000.

The Class of 1871 Scholarship Fund, $25,000, established by a member of the Class.

The Moore Beneficiary Fund, $18,000, established by Rev. Zephaniah Swift Moore, D.D., first president of the college.

The William Hilton Scholarship Fund, $22,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, $11,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, $10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, $6,000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, $5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Addison Brown Scholarship Fund, $5000, the bequest of Addison Brown of the Class of 1852, of New York. The Addison Brown Scholarship is awarded annually to that member of the Senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the Freshman, Sophomore and Junior years.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucius J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

Class of 1861 Scholarship Fund, $3000, established by the Class.

The Class of 1878 Scholarship Fund, $3000, established by the Class.

Class of 1880 Scholarship Fund, $3000, established by the Class.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Charles Merriam Scholarship Fund, $2400, established by Charles Merriam of Springfield.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, $2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, $2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, $2000, established by Warren F. Draper of the Class of 1847.

The Alexander H. Bullock Scholarship Fund, $1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, $1500, established by the Class.

The Class of 1853 Scholarship Fund, $1500, established by the Class.

The Class of 1871 Scholarship Fund, $1500, established by the Class.

The Class of 1855 Scholarship Fund, $1100, established by the Class.

The Class of 1826 Scholarship Fund, $500, established by two members of the Class.

Scholarship funds of $1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class of 1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

The John C. Kimball Class of 1854 Fund, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of $40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

The committee on student loans meets weekly for the consideration of student loans. Application blanks may be obtained at the Treasurer's office. It is the policy of the committee not to make any loan until at least one semester of the college course has been completed.

Enrollment

GRADUATE STUDENTS

Greene, Theodore Ainsworth, B.A. 1913 *Middletown, Conn,* 409 Morris Pratt Memorial Dormitory

Renfrew, Franklin Ward, B.S. 1914 *Brooklyn, N. Y.* Φ Δ Θ House

SENIOR CLASS

Agard, Walter Raymond	*Austin, Tex.*	Α Δ Φ House
Allen, Frederick Crosby	*Auburndale, Mass.*	Κ Θ House
Atwater, John Jacob	*Westhampton Beach, N. Y.*	Ψ Υ House
Bacon, Richard Hamlin	*Newton Upper Falls, Mass.*	Δ Κ Ε House
Bancroft, Richard	*Wellesley, Mass.*	Φ Δ Θ House
Banfield, Richard	*Austin, Minn.*	Φ Κ Ψ House
Banta, Kenneth Whittemore	*Syracuse, N. Y.*	Δ Κ Ε House
Barnes, William Gerald	*Brooklyn, N. Y.*	Φ Δ Θ House
Blair, Francis Wesley	*Amherst, Mass.*	12 Northampton Road
Bratt, George Cleveland, Jr.	*Grand Rapids, Mich.*	Δ Υ House
Breckenridge, Warren Allen	*Omaha, Neb.*	401 Morris Pratt Memorial Dormitory
Bronk, James Edmund	*Amsterdam, N. Y.*	Ψ Υ House
Bulger, Maurice Scott	*Uniontown, Pa.*	401 Morris Pratt Memorial Dormitory
Cady, Fenimore	*Amherst, Mass.*	Α Δ Φ House
Campbell, John Warnock	*Montclair, N. J.*	15 Amity Street
Chapman, Frederick Leslie, Jr.	*Lake Geneva, Wis.*	Ψ Υ House
Clapperton, George Douglass	*Grand Rapids, Mich.*	Δ Υ House
Clark, Dwight Nelson	*Norfolk, Conn.*	Φ Δ Θ House
Cole, Harry Wing	*Saratoga Springs, N. Y.*	Χ Φ House
Cole, Joseph Gerald	*Brooklyn, N. Y.*	Χ Φ House
Cooper, Raymond Buxton	*Des Moines, Iowa*	Δ Κ Ε House
Craig, James Wallace	*Boston, Mass.*	Α Δ Φ House
Crilly, William Michael, Jr.	*Chicago, Ill.*	408 Morris Pratt Memorial Dormitory
Cross, John Theodore	*Utica, N. Y.*	Α Δ Φ House
Curry, Clarence Pratt	*Portland, Ore.*	Ψ Υ House
Cutler, David Sanford	*New York, N. Y.*	Α Δ Φ House

Cutton, George Leon	*Brockport, N. Y.*	Σ Δ P House
Eastman, Gardner Pettee	*Orange, N. J.*	
	412 Morris Pratt Memorial Dormitory	
Eaton, Louis Franklin	*Brockton, Mass.*	X Φ House
Elliot, Arthur Henry	*Port Jefferson, N. Y.*	Φ Γ Δ House
Fuller, Everett Webb	*Brooklyn, N. Y.*	X Ψ Lodge
Fuller, Randolph Mercein	*Brooklyn, N. Y.*	X Ψ House
Garfield, Edward Chandler	*York Village, Me.*	
	71 South Pleasant Street	
Gaus, John Merriman	*Utica, N. Y.*	Α Δ Φ House
Goodwin, Arthur Prentice	*Pittsfield, Mass.*	Δ K E House
Greene, Phillips Foster	*Upper Montclair, N. J.*	Δ Υ House
Hall, Gordon Rexford	*Brookline, Mass.*	X Ψ Lodge
Hayner, John Clifford	*Yonkers, N. Y.*	Θ Δ X House
Heald, Stanley	*South Weymouth, Mass.*	Δ K E House
Heinritz, Stuart Franklin	*Holyoke, Mass.*	Σ Δ P House
Herrschaft, Coleman Philip	*Brooklyn, N. Y.*	Φ Γ Δ House
Houston, Charles Hamilton	*Washington, D. C.*	
	404 Morris Pratt Memorial Dormitory	
Hubner, George Hartmann	*Brooklyn, N. Y.*	Ψ Υ House
Hunneman, William Cooper, Jr.	*Brookline, Mass.*	Δ K E House
Johnson, Leslie Obear	*Malden, Mass.*	Chemistry Laboratory
Jones, Marshall Walker, Jr.	*Winchester, Mass.*	Φ K Ψ House
Keith, Gerald	*Brockton, Mass.*	X Φ House
Kimball, Newton Manross	*Orange, Mass.*	Δ K E House
Kingman, Henry Seldon	*Minneapolis, Minn.*	X Φ House
Konold, Edwin Harold	*Oak Park, Ill.*	Δ Υ House
Langspecht, Henry Thomas	*Brooklyn, N. Y.*	Φ K Ψ House
Lincoln, Joseph Newhall	*Quincy, Mass.*	Φ Γ Δ House
Lind, John Eugene	*Brooklyn, N. Y.*	Σ Δ P House
Lott, James Cropsey	*Brooklyn, N. Y.*	Φ Δ Θ House
Lyon, Harold Alpheus	*Brockton, Mass.*	Φ K Ψ House
McCague, Robert Andrew	*Omaha, Neb.*	X Ψ Lodge
Macdonald, Wilson	*Westfield, N. Y.*	K Θ House
McGowan, Robert Reed	*Steubenville, Ohio*	X Φ House
McNair, Maurice Lloyd	*Los Angeles, Cal.*	Φ K Ψ House
McTernan, Everett Francis	*Brooklyn, N. Y.*	Φ Γ Δ House
Mandrey, William Henry	*Mount Vernon, N. Y.*	
	11 Gaylord Street	
Manville, Arthur Jeremiah	*New Haven, Conn.*	Φ Γ Δ House
Many, Harold Chase	*Port Jefferson, N. Y.*	13 Spring Street

Martin, Charles Daniel	*Northampton, Mass.*	
Moulton, Robert Seldon	*Poughkeepsie, N. Y.*	X Φ House
Newton, Francis Chandler	*Reading, Mass.*	Δ Υ House
O'Connor, Gordon Francis	*Antigo, Wis.*	40 Main Street
Packard, Sidney Raymond	*Brockton, Mass.*	K Θ House
Person, Raymond Scott	*Holyoke, Mass.*	K Θ House
Phillips, John Milton	*New London, Conn.*	Θ Γ Δ House
Plimpton, Hollis Winslow	*Norwood, Mass.*	Δ K E House
Pratt, Richardson	*Brooklyn, N. Y.*	A Δ Φ House
Price, Stuart Eugene	*Columbus, Ohio*	Δ Υ House
Ralston, Arthur Edward	*Poughkeepsie, N. Y.*	A Δ Φ House
Ripley, George Keyes	*Troy, N. H.*	Φ Γ Δ House
*Robinson, Richard Alexander, 3d	*Louisville, Ky.*	A Δ Φ House
Rollins, Dana Funk	*Bloomington, Ill.*	
	412 Morris Pratt Memorial Dormitory	
Shumway, Conrad	*Brooklyn, N. Y.*	Σ Δ P House
Smith, Homer Morgan	*Redding, Conn.*	Θ Δ X House
Smith, James Kellum	*Towanda, Pa.*	X Ψ Lodge
Smith, James Nichols	*Hartford, Conn.*	Ψ Υ House
Smith, Lowell Ridgeway	*Winchester, Mass.*	Ψ Υ House
Snider, Joseph Lyons	*Uniontown, Pa.*	Φ K Ψ House
Swasey, Henry Cleveland	*South Berwick, Me.*	Φ K Ψ House
Thayer, William Greenough, Jr.	*Southboro, Mass.*	Ψ Υ House
Tomlinson, Jay Brinkerhoff	*Mount Holly, N. J.*	Φ K Ψ House
Van Valkenburg, Edward Alfred	*Greene, N. Y.*	Δ Υ House
Wales, Horatio, Jr.	*Polo, Ill.*	Φ Γ Δ House
Warren, Webster Hamlin	*Falmouth, Mass.*	X Φ House
Washburn, Arthur Hoyt	*Boston, Mass.*	Δ Υ House
Weathers, Paul Dyess	*Ocala, Fla.*	Ψ Υ House
Webster, Leslie Tillotson	*Mount Vernon, N. Y.*	A Δ Φ House
Whiting, William, 2d	*Holyoke, Mass.*	3 Northampton Road
Whitmore, George Deming	*Holyoke, Mass.*	K Θ House
Whitten, Philip Francis	*Holyoke, Mass.*	11 So. Prospect Street
†Williams, John Richard	*New York, N. Y.*	C North College

*Special Student.
† Provisional enrollment.

JUNIOR CLASS

Ames, Charles Burton	*West Newton, Mass.*	X Ψ Lodge
Anderson, Robert Jeffrey	*Clinton, Mass.*	Σ Δ P House
Andrews, Edward Deming	*Pittsfield, Mass.*	Δ ϒ House
Ashley, Thomas William	*Deerfield, Mass.*	Λ Δ Φ House
Avirett, William Goodwin	*Brooklyn, N. Y.*	Λ Δ Φ House
Baker, Walton Chamberlain	*Springfield, Mass.*	Θ Δ X House
Barnes, Henry Walter, Jr.	*Plymouth, Mass.*	Θ Δ X House
Barone, Tony	*North Collins, N. Y.*	8 Spring Street
Bixler, Julius Seelye	*New London, Conn.*	Λ Δ Φ House
*Blanchard, Dean	*Winchester, Mass.*	Φ K Ψ House
Boynton, Merrill Holmes	*Bristol, R. I.*	Ψ ϒ House
Brewton, Harold George	*Gloucester, Mass.*	Φ Δ Θ House
Brown, Charles Henry	*Chicago, Ill.*	Λ Δ Φ House
Buchanan, Scott Milross	*Pittsfield, Mass.*	Δ ϒ House
Chandler, Hazen Atherton	*Montpelier, Vt.*	Δ K E House
Chapman, William Gilger	*Russell, Pa.*	Φ Δ Θ House
Clark, Franklin Stetson	*North Amherst, Mass.*	Θ Δ X House
Colton, Kingsley Buel	*Chicago, Ill.*	Φ Δ Θ House
Conant, Hezekiah Nelson	*Pawtucket, R. I.*	Ψ ϒ House
Dayton, Theodore Read	*Georgetown, Conn.*	Δ ϒ House
Dent, Francis Morse	*Washington, D. C.*	4 North College
Douglas, Lewis William	*Douglas, Ariz.*	Λ Δ Φ House
Edwards, Theodore Caldwell	*Brooklyn, N. Y.*	211 Morris Pratt Memorial Dormitory
Esty, William Cole, 2d	*Bethlehem, Pa.*	Ψ ϒ House
Fairhurst, Charles Joseph	*Paterson, N. J.*	X Φ Annex
Ferguson, Eralsey Clark	*Brookline, Mass.*	Φ Δ Θ House
Gates, William, Jr.	*Pittsburgh, Pa.*	Ψ ϒ House
Gillett, Robert Swift	*Hartford, Conn.*	Λ Δ Φ House
Gillies, Harold Lusk	*Nyack, N. Y.*	Ψ ϒ House
Gilligan, James Tierney	*Holyoke, Mass.*	
Goodridge, Edwin Harrison	*Fitchburg, Mass.*	Φ K Ψ House
Greene, Paul Stevens	*Boston, Mass.*	203 Morris Pratt Memorial Dormitory
Hardy, Donald Egbert	*Amherst, Mass.*	15 Lincoln Avenue
Heavens, Howard Joseph	*Plymouth, Mass.*	Σ Δ P House
Hitchcock, Charles Hanchett	*Chittenango, N. Y.*	Φ K Ψ House

*Special Student.

Hughes, Percy Meredith, Jr.	*Syracuse, N. Y.*	Ψ Υ House
Jenkins, John Maxey	*Montrose, Pa.*	Nash Block
Johnson, Herbert Gale	*Amherst, Mass.*	K Θ House
Katz, Richard, Jr.	*New York, N. Y.*	15 Amity Street
Keeney, George Nelson	*New London, Conn.*	Θ Δ X House
Knapp, Lewis Mansfield	*Groton, Mass.*	Δ Υ House
Knowlton, Wilbur Clark	*Kirkwood, Mo.*	302 Morris Pratt Memorial Dormitory
Lane, George Homer	*West Hartford, Conn.*	A Δ Φ House
Leonard, Wallace Minot, Jr.	*Newton Highlands, Mass.*	Δ K E House
Lutkins, Edwin Henry	*Hackensack, N. J.*	K Θ House
McCloy, John Snader	*Philadelphia, Pa.*	3 Northampton Road
Marks, Alan David	*New York, N. Y.*	301 Morris Pratt Memorial Dormitory
Marshall, Donald Earle	*Amherst, Mass.*	4 Nutting Avenue
Milne, Douglas Duncan	*Scarsdale, N. Y.*	Ψ Υ House
Munro, Thomas Boston	*Allendale, N. J.*	X Ψ Lodge
Neiley, Geoffrey Cooke	*Winchester, Mass.*	Ψ Υ House
Noyes, Radcliffe Dana	*Montclair, N. J.*	Δ Υ House
Otte, Francis Robert	*Grand Rapids, Mich.*	Ψ Υ House
Park, Robert Hodges	*Taunton, Mass.*	303 Morris Pratt Memorial Dormitory
Peck, Charles Baldwin, Jr.	*Rochester, N. Y.*	Ψ Υ House
Proctor, Robert Matthews	*Corning, N. Y.*	Physical Laboratory
Reber, John Uhrich	*Reading, Pa.*	Ψ Υ House
Redfield, Humphrey Fuller	*Washington, D. C.*	A Δ Φ House
Reed, Howard Finlay	*Roxbury, Ohio*	Φ Δ Θ House
*Rider, Stuart Williams	*Auburndale, Mass.*	A Δ Φ House
Robinson, Homans	*Springfield, Mass.*	212 Morris Pratt Memorial Dormitory
Sawyer, Edmund Ellis	*Hackensack, N. J.*	K Θ House
Sawyer, Harold Edmund	*Pawtucket, R. I.*	Ψ Υ House
*Seamans, Elton Henry	*Springfield, Mass.*	Φ Γ Δ House
Shaw, Leo Nelson	*Auburn, N. Y.*	Θ Δ X House
†Smith, Robert Williams	*Lakeside, Ohio*	19 Main Street
Smith, Winthrop Hiram	*South Hadley Falls, Mass.*	212 Morris Pratt Memorial Dormitory
Stearns, Douglas Clark	*Norfolk, Conn.*	X Ψ Lodge

*Special Student. †Provisional enrollment.

Stevenson, David	*Gilmanton, N. H.*	5 McClellan Street
Stiles, Wayne Peffers	*Amherst, Mass.*	R. F. D. No. 1
Stinson, Eugene	*Evansville, Ind.*	Φ K Ψ House
*Tow, William H.	*New York, N. Y.*	Gymnasium
Ver Nooy, Lester Carlton	*Cortland, N. Y.*	Φ K Ψ House
Washburn, Alfred Hamlin	*Boston, Mass.*	Δ Υ House
Washburn, George Winslow	*Brockton, Mass.*	X Φ Annex
Weeden, Charles Foster, Jr.	*Dorchester, Mass.*	A Δ Φ House
Whetstone, Lambert Frye	*Germantown, Pa.*	A Δ Φ House
White, Arthur Platt	*Corning, N. Y.*	K Θ House
Wood, Lee Blair	*Corry, Pa.*	Φ K Ψ House
Young, Burbank Chase	*Rochester, N. Y.*	X Ψ Lodge
Young, Laurence Henry	*Bloomington, Ill.*	Σ Δ P House
Young, Malcolm Oakman	*North Hanover, Mass.*	210 Morris Pratt Memorial Dormitory

*Special Student.

SOPHOMORE CLASS

Anthony, Henry Franklin	*Providence, R. I.*	Φ Δ Θ House
Baer, Bernard Louis	*New York, N. Y.*	
	201 Morris Pratt Memorial Dormitory	
Baily, George Irving	*Brooklyn, N. Y.*	
	209 Morris Pratt Memorial Dormitory	
Baker, Charles Howard	*Sharon, Mass.*	Δ K E House
Baker, Myers Elliott	*Great Neck, N. Y.*	K Θ House
Ball, Ralph B.	*Corning, N. Y.*	Physics Laboratory
Banta, Henry Hyde	*Syracuse, N. Y.*	Δ K E House
Baril, George Everett	*Holyoke, Mass.*	Σ Δ P House
Bartholomew, Charles Henry	*Binghamton, N. Y.*	Δ K E House
Bell, Carlton Leroy	*Attleboro, Mass.*	
	211 Morris Pratt Memorial Dormitory	
Bell, Frderick Drake	*New York, N. Y.*	Δ Υ House
Boyd, Harmon Shove	*Woodbury, Conn.*	K Θ House
Bristol, Ralph Buffum	*Glen Ridge, N. J.*	Δ K E House
Brown, Osborn Whitney	*Ben Avon, Pa.*	Φ Δ Θ House
Brown, Theodore Everett	*Worcester, Mass.*	Φ Γ Δ House
Buckley, Frank Lawrence	*Holyoke, Mass.*	6 Northampton Road
Carpenter, Kenneth deForest	*Brooklyn, N. Y.*	Ψ Υ House
Clark, John Dodge	*Brooklyn, N. Y.*	Θ Δ XHouse
Clark, Lloyd Montgomery	*Boston, Mass.*	Φ K Ψ House
Clarke, Arthur Merriam	*Wellesley, Mass.*	
	111 Morris Pratt Memorial Dormitory	
Cochrane, Craig Parsons	*Rochester, N. Y.*	
	308 Morris Pratt Memorial Dormitory	
Copeland, Morris Albert	*Rochester, N. Y.*	8 Spring Street
Craig, David Rankin, Jr.	*Boston, Mass.*	Λ Δ Φ House
Creamer, John Francis, Jr.	*Fall River, Mass.*	Δ K E House
DeBevoise, Herbert R.	*Newark, N. J.*	
	306 Morris Pratt Memorial Dormitory	
D'Ooge, Benjamin Stanton	*Ypsilanti, Mich.*	Ψ Υ House
Downer, Ernest Page	*Montrose, Pa.*	Nash Block
Eisner, Mortimer	*Newark, N. J.*	
	201 Morris Pratt Memorial Dormitory	
Fillman, Henry Ingerton	*New York, N. Y.*	
	204 Morris Pratt Memorial Dormitory	
Fisher, Robert Miller	*Indiana, Pa.*	Φ K Ψ House

†Fraker, Walter Potter	*Duluth, Minn.*	Α Δ Φ House
Gazley, John Gerow	*White Plains, N. Y.*	Φ Κ Ψ House
Glann, James Everett	*Cortland, N. Y.*	
	407 Morris Pratt Memorial Dormitory	
Goodhue, Elbridge Alvah	*Haydenville, Mass.*	19 Main Street
Goodrich, Sheldon Baker	*Taunton, Mass.*	
	405 Morris Pratt Memorial Dormitory	
Hale, David Clendon	*Cambridge, Mass.*	Χ Φ Annex
Hawkes, Franklin Powers	*North Attleboro, Mass.*	
		15 Amity Street
Hawkins, James Alexander	*Springfield, Mass.*	Σ Δ Ρ House
Hinman, George	*St. Johnsbury, Vt.*	Δ Κ Ε House
Hobart, Richard Townley	*Upper Montclair, N. J.*	
	409 Morris Pratt Memorial Dormitory	
Howard, Samuel Anton, Jr.	*Rutland, Vt.*	
	206 Morris Pratt Memorial Dormitory	
Ivimey, Theodore	*New York, N. Y.*	Δ Υ House
Jenkins, Paul Alexander	*Chicago, Ill.*	3 Northampton Road
Jessup, Charles J.	*Brooklyn, N. Y.*	Mount Doma
Johnson, Brooks Elmo	*New Rochelle, N. Y.*	
	307 Morris Pratt Memorial Dormitory	
Jones, Chandler Tracy	*Orleans, Mass.*	Κ Θ House
Kambour, Theodore	*Plymouth, N. H.*	Σ Δ Ρ House
Kimball, Bradford Fisher	*Amherst, Mass.*	25 Woodside Avenue
Kohout, Harry Joseph	*Amherst, Mass.*	3 Parsons Street
Lanyon, William Edward	*St. Louis, Mo.*	Ψ Υ House
*Lemcke, Norman Rhode	*New York, N. Y.*	Gymnasium
Lewis, Cyril Blackmore	*Ypsilanti, Mich.*	Α Δ Φ House
Loomis, Edward Francis	*Haydenville, Mass.*	Θ Δ Χ House
Loomis, William Fitch	*Bedford, Mass.*	Θ Δ Χ House
Low, Carroll Blakely	*Brooklyn, N. Y.*	Χ Ψ Lodge
McCague, Lawrence Minot	*Omaha, Neb.*	
	306 Morris Pratt Memorial Dormitory	
McGarrahan, John Cooley	*Cohoes, N. Y.*	
	202 Morris Pratt Memorial Dormitory	
McGowan, Charles Batchelor	*Steubenville, Ohio*	Χ Φ Annex
McGowan, Royal Edmund	*Youngstown, N. Y.*	
	407 Morris Pratt Memorial Dormitory	
Maloney, Edward James	*Amherst, Mass.*	
		12 South Prospect Street

*Special Student. †Provisional enrollment.

Marks, Eric Henry	*New York, N. Y.*	
	301 Morris Pratt Memorial Dormitory	
Marks, Frederic Bliss	*Newtonville, Mass.*	Δ K E House
Marples, Edward Stuart	*Evanston, Ill.*	
	206 Morris Pratt Memorial Dormitory	
Mason, Alfred DeWitt	*Brooklyn, N. Y.*	Χ Ψ Lodge
Masten, Richard Leopold	*Camas, Wash.*	Θ Δ Φ House
Maurer, Keith Landon	*Northampton, Mass.*	Φ Δ Θ House
Maynard, Charles Edgar	*Northampton, Mass.*	
Melcher, Herbert Henry	*Mt. Vernon, N. Y.*	
	307 Morris Pratt Memorial Dormitory	
Metcalf, Robert Drayton	*Norwood, Mass.*	Κ Θ House
Middleton, Robert Avery	*Utica, N. Y.*	Χ Φ House
Miller, William Melbourne	*Croton-on-Hudson, N. Y.*	Θ Δ Χ House
Moginot, Francis Louis	*St. Louis, Mo.*	Θ Δ Χ House
Moore, Henry Wilson	*Brockport, N. Y.*	Ψ Υ House
Morse, Edward Wilson	*Worcester, Mass.*	Φ Γ Δ House
Munroe, Robert	*Oakmont, Pa.*	Ψ Υ House
Nelligan, Thomas Hayes	*Amherst, Mass.*	11 Sunset Avenue
Norton, Cyril Francis	*Northampton, Mass.*	Δ Υ House
Perkins, Roger Conant	*Manchester, Vt.*	Φ Κ Ψ House
Plimpton, Barton Fiske	*Hollis, N. Y.*	Φ Δ Θ House
Plough, Paul Howard	*New York, N. Y.*	
	409 Morris Pratt Memorial Dormitory	
Proctor, Edward Ross, Jr.	*Ridgefield Park, N. J.*	Φ Γ Δ House
Rauschenbusch, Hilmar Ernst	*Rochester, N. Y.*	Λ Δ Φ House
†Richardson, Lee King	*Alpena, Mich.*	
	408 Morris Pratt Memorial Dormitory	
Robinson, Hayden Dutton	*Brownsville, Pa.*	Ψ Υ House
Rome, Gardiner H.	*Brooklyn, N. Y.*	Δ K E House
Romer, Alfred Sherwood	*White Plains, N. Y.*	Φ Κ Ψ House
Root, Edward Merrill	*Somerville, Mass.*	Σ Δ Ρ House
Ross, Raymond Thomas	*Crawfordsville, Ind.*	Δ K E House
Sanders, Frank Knight, Jr.	*New York, N. Y.*	Χ Ψ Lodge
Scandrett, Jay Johnson Morrow	*Pittsburgh, Pa.*	15 Amity Street
Schmid, Herbert William	*Providence, R. I.*	Λ Δ Φ House
Shumway, Eric	*Brooklyn, N. Y.*	Σ Δ Ρ House
Sibley, Walcott Ellis	*Wellesley Hills, Mass.*	Χ Φ Annex

†Provisional enrollment.

Sleeper, Frank MacDonald	*Wellesley, Mass.*	3 Northampton Road
Smith, Harold Addison	*Springfield, Mass.*	K Θ House
Spear, Irving Lewis	*Amherst, Mass.*	8 Dickinson Street
Stark, Whitney Williams	*Brooklyn, N. Y.*	Α Δ Φ House
Swett, Jesse Freeman	*Brookline, Mass.*	Φ Δ Θ House
Tehan, William Henry	*Auburn, N. Y.*	15 Amity Street
Temple, Donald Edward	*Greenfield, Mass.*	Φ K Ψ House
Thomas, Donald Eugene	*Attleboro, Mass.*	204 Morris Pratt Memorial Dormitory
Vaughn, Herbert Getty	*Fort Ann, N. Y.*	Φ Γ Δ House
Vielbig, Joseph Frederick	*Brooklyn, N. Y.*	Mount Doma
Wadhams, Robert Wiltsie	*Pittsford, N. Y.*	308 Morris Pratt Memorial Dormitory
Wells, Henry Willis	*New York, N. Y.*	Φ Δ Θ House
Whitcomb, John Leonard	*Brockton, Mass.*	5 Northampton Road
Widmayer, Theodore L.	*New York, N. Y.*	15 Amity Street
Wilbar, Wadsworth	*Taunton, Mass.*	209 Morris Pratt Memorial Dormitory
Williams, Palmer Champney	*Taunton, Mass.*	405 Morris Pratt Memorial Dormitory
Witney, William Reilly	*Brockport, N. Y.*	Φ Γ Δ House
Woodward, Rufus Stanley, Jr.	*Worcester, Mass.*	Δ K E House
Yawger, Marmaduke Rogers	*Brooklyn, N. Y.*	Θ Δ X House

FRESHMAN CLASS

Aiello, Gaetano Rudolph	*Hoboken, N. J.*	104 Morris Pratt Memorial Dormitory
*Arnold, Philip Rhodes	*Providence, R. I.*	21 South College
Atkinson, Arthur Thomas	*Mt. Holly, N. J.*	5 South College
Babcock, Augustus Emerson, Jr.	*Rochester, N. Y.*	22 South College
Bailey, Albert Ware	*Worcester, Mass.*	11 South College
Barber, Kenneth Warham	*Windsor, Conn.*	32 North College
Beach, William Howard	*Rochester, N. Y.*	5 North College
Bednarski, Roger Edward	*South Deerfield, Mass.*	A North College
Bemis, Raymond Guilford	*Brookline, Mass.*	110 Morris Pratt Memorial Dormitory
Bennet, Augustus Witschiet	*New York, N. Y.*	304 Morris Pratt Memorial Dormitory
Benneyan, George	*White Plains, N. Y.*	15 North College
Bentley, Raymond P.	*Brookline, Mass.*	11 North College
Billings, Dwight Brinkerhoff	*Amherst, Mass.*	A South College
Bixler, David Daniel	*Hanover, Penn.*	6 North College
†Blair, Earle Franklin	*Amherst, Mass.*	12 Northampton Road
Blair, Roy Richardson	*Amherst, Mass.*	12 Northampton Road
Boardman, Thomas Bradford	*Hartford, Conn.*	15 Amity Street
Bogart, Frank E., Jr.	*Detroit, Mich.*	26 South College
Brackett, Roger Arnold	*Brattleboro, Vt.*	103 Morris Pratt Memorial Dormitory
Brainerd, John Bliss, Jr.	*Brookline, Mass.*	29 South College
Bratt, Charles Henry	*Grand Rapids, Mich.*	31 South College
Breed, Philip Munro	*Lynn, Mass.*	207 Morris Pratt Memorial Dormitory
Brinkerhoff, Robert Joris	*West Springfield, Mass.*	27 South College
Butler, Franklin Coit	*Providence, R. I.*	26 South College
Campbell, James Ellsworth	*Indiana, Pa.*	12 North College
†deCastro, Ralph Ellison	*New York, N. Y.*	6 Northampton Road
Chanin, Charles	*Brooklyn, N. Y.*	19 Main Street
Chapman, Charles Wesley, Jr.	*Waterloo, Ia.*	13 South College
Chase, Paul Addison	*Brattleboro, Vt.*	101 Morris Pratt Memorial Dormitory
Christie, Wallace Thurston	*Paterson, N. J.*	1 Woodside Ave.
Churukian, Vahan Atdashes	*Paterson, N. J.*	31 Amity Street

*Speccial student.

† Provisional enrollment.

Cornell, George Washington, Jr.	*Brooklyn, N. Y.*	23 North College
Cross, Gorham Lamont	*Utica, N. Y.*	205 Morris Pratt Memorial Dormitory
Durham, Charles Henry, Jr.	*Schenectady, N. Y.*	30 South College
Ellinwood, Ralph E.	*Bisbee, Ariz.*	406 Morris Pratt Memorial Dormitory
Elwood, John Warden	*Rochester, N. Y.*	5 North College
Estey, Jacob Poor	*Brattleboro, Vt.*	101 Morris Pratt Memorial Dormitory
Evans, James Baxter	*Columbus, Ohio*	27 North College
Fredericks, James Torrey	*Bradford, Pa.*	12 North College
Garrett, John B.	*St. Laurens, S. C.*	1 North College
Getty, Francis William	*Winchester, Mass.*	112 Morris Pratt Memorial Dormitory
Gillies, John Sinclair	*Brooklyn, N. Y.*	23 North College
Godwin, Richard Kenneth	*Amherst, Mass.*	23 Lincoln Ave.
Golomb, Elhanan Hirsh	*Northampton, Mass.*	
Goodrich, Carter Lyman	*Plainfield, N. J.*	311 Morris Pratt Memorial Dormitory
Greene, Edward Barrows	*Upper Montclair, N. J.*	23 South College
Greene, Theodore Meyer	*Oberlin, Ohio*	23 South College
Hall, Merwin Porter	*Brookline, Mass.*	406 Morris Pratt Memorial Dormitory
Harris, Alvin Emerson	*Shelburne Falls, Mass.*	183 So. Pleasant St.
Haven, Alfred Coles, Jr.	*Lake Forest, Ill.*	22 South College
Herbert, Richard John	*Auburn, N. Y.*	17 South College
Hobensack, Wilkins Carlisle	*Ivyland, Pa.*	2 South College
*Holt, Arthur Ratcliffe	*Newton Center, Mass.*	21 South College
Houghton, Augustus Sherrill	*Tarrytown-on-Hudson, N. Y.*	8 South College
*Hughes, Robert E.	*Montclair, N. J.*	17 South College
*Hunneman, Dexter Richards	*Brookline, Mass.*	15 Amity Street
Hunter, Robert Leslie	*Philadelphia, Pa.*	Snell Street
Jackson, Gardner	*Colorado Springs, Colo.*	21 North College
Johnson, Harold F.	*New York, N. Y.*	

*Special Students.

PRATT GYMNASIUM

Kelsey, Robert Pratt	*Newton Center, Mass.*	207 Morris Pratt Memorial Dormitory
Kenyon, Owen Henry	*Adams, N. Y.*	6 South College
Kessler, Don Hursh	*Fayetteville, N. Y.*	21 North College
Ladd, Henry Andrews	*Portland, Ore.*	4 North Prospect Street
McDonald, Allen James	*New York, N. Y.*	11 Parsons Street
Macfarlane, W. Duncan	*Albany, N. Y.*	29 South College
McGarrahan, Francis Carlisle	*Malone, N. Y.*	8 North College
Mathews, Frederic	*White Plains, N. Y.*	30 North College
Matthews, Charles Smith	*Brooklyn, N. Y.*	Gymnasium
Meiklejohn, James Stuart	*Pawtucket, R. I.*	108 Morris Pratt Memorial Dormitory
Michener, William Henry	*Waynesville, Ohio*	3 Northampton Road
Moore, Murray Stuart	*Hudson, Mass.*	411 Morris Pratt Memorial Dormitory
Morehouse, Andrew Richmond	*Oakwoods, N. C.*	15 South College
Morehouse, Edward Ward	*Springfield, Mass.*	9 South College
Myers, Ralph W.	*Hyde Park, N. Y.*	309 Morris Pratt Memorial Dormitory
Nisbet, Thomas Morgan	*Brooklyn, N. Y.*	23 North College
Olmstead, Frank Thompson	*Norwood, Mass.*	10A South College
Orrell, Burton,	*Brooklyn, N. Y.*	16 Maple Avenue
Parkhurst, Morrill Holden	*Amherst, Mass.*	29 North College
Parsons, Truxton Homans	*Waterford, N. Y.*	17 South College
Partenheimer, Joseph Everard	*Greenfield, Mass.*	Chemical Laboratory
Patton, Robert Ferry, Jr.	*Highland Park, Ill.*	13 South College
Peabody, Walter Richardson	*White Plains, N. Y.*	15 North College
*Pieper, Clifford Emil	*Providence, R. I.*	2 South College
Pratt, Waldo Elliott, Jr.	*Wellesley Hills, Mass.*	112 Morris Pratt Memorial Dormitory
Prince, Leonard Morton	*Chicago, Ill.*	22 North College
Quill, John Henry	*North Brookfield, Mass.*	B South College
Redmond, Daniel George	*Philadelphia, Pa.*	Snell Street
Roberts, Marshall Elbert	*White Cottage, Ohio*	31 South College
Rogers, Rollin W.	*Cohoes, N. Y.*	17 Amity Street
Rogers, William Garland	*Springfield, Mass.*	5 South College
Saunders, Allen Frederic	*Amherst, Mass.*	Pratt Cottage

*Special student.

Schmidt, Rudolf Walter	*Northfield, Minn.*	
	305 Morris Pratt Memorial Dormitory	
Seamans, Chester Gladding	*Springfield, Mass.*	25 South College
See, Philip Hudson	*Amherst, Mass.*	5 Dana Street
Shepro, Harry	*Holyoke, Mass.*	
Smith, Elmer Gillman	*Port Jefferson, N. Y.*	
	402 Morris Pratt Memorial Dormitory	
Stanton, Clarence L.	*Newark, N. J.*	
Stimson, Horace Pottle	*Northampton, Mass.*	
Stitt, William Britton	*New York, N. Y.*	
	304 Morris Pratt Memorial Dormitory	
Story, Robert William	*Catskill, N. Y.*	4 Lessey Street
Taber, William Russell	*Auburn, N. Y.*	17 South College
Thayer, Lucius Ellsworth	*Portsmouth, N. H.*	
	312 Morris Pratt Memorial Dormitory	
Thayer, Sigourney	*Southboro, Mass.*	
	312 Morris Pratt Memorial Dormitory	
Thompson, William Ladd	*Lawrenceville, N. J.*	Snell Street
Tooker, Winfred Clyde	*Riverhead, N. Y.*	
	305 Morris Pratt Memorial Dormitory	
Traver, Clarence Hoffman	*Red Hook, N. Y.*	
	309 Morris Pratt Memorial Dormitory	
Tylee, Arthur Francis	*Worcester, Mass.*	
	402 Morris Pratt Memorial Dormitory	
Van Dyck, Rawdon Myers	*Newark, N. Y.*	C South College
Warren, James Carey	*New Haven, Conn.*	
	102 Morris Pratt Memorial Dormitory	
Washburn, William Crocker	*Salem, Mass.*	14 North College
Wätjen, Harold Palmer	*Pawtucket, R. I*	
	108 Morris Pratt Memorial Dormitory	
Wheeler, Harry Fairchild	*Ocean Grove, N. J.*	27 South College
White, Owen Sheppard	*New York, N. Y*	
	104 Morris Pratt Memorial Dormitory	
Whiting, Edward Chapin	*Holyoke, Mass.*	3 Northampton Road
Williams, Morris Holliday,	*Columbus, Ohio*	27 North College
†Willis, Barnard	*St. Louis, Mo.*	Chi Phi Annex
Wright, Charles Silliman	*Ceredo, W. Va.*	7 South College
Yerrall, William Wood	*Springfield, Mass.*	25 South College
Young, Clifford John	*Elmira, N. Y.*	
	205 Morris Pratt Memorial Dormitory	
Youtz, Philip Newell	*Auburn, N. Y.*	D North College

Summary of Enrollment

Graduate Students	2
Fellows	3
Seniors	96
Juniors	85
Sophomores	110
Freshmen	120
Total	416

CLASSIFICATION BY RESIDENCE

Massachusetts	140	Arizona	2
New York	127	Indiana	2
New Jersey	24	Iowa	2
Pennsylvania	23	Maine	2
Connecticut	16	Oregon	2
Illinois	12	Wisconsin	2
Ohio	11	California	1
Rhode Island	10	Colorado	1
Michigan	8	Florida	1
Vermont	7	Kentucky	1
Missouri	4	North Carolina	1
Minnesota	4	South Carolina	1
Nebraska	3	Texas	1
New Hampshire	3	Washington	1
District of Columbia	3	West Virginia	1
		Total	416

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in October, January, April and June. It contains articles of educational value, news of the Alumni, accounts of under-

graduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editor should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

Railroad Connections

THE Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

VISITORS

Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A.M. to five-thirty P.M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Registrar, Amherst College, Amherst, Mass.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

President: Rev. Nehemiah Boynton, '79.

Vice-Presidents:

Professor Edwin A. Grosvenor, '67
Collin Armstrong, '77
Henry P. Field, Esq., '80
John P. Cushing, '82
George B. Mallon, '87
Isaac Patch, '97

Secretary and Treasurer:

Frederick S. Allis, '93, Amherst

Chairman of Committee on Alumni Trustees:

Rev. Jason N. Pierce, '02

Executive Committee:

Henry P. Field, '80
Professor Joseph O. Thompson, '84
Arthur Curtiss James, '89
Herbert L. Pratt, '95
Harry W. Kidder, '97
Dr. John S. Hitchcock, '89
Hon. Henry A. King, '73
Professor H. Norman Gardiner, '78
Fred M. Smith, '84

EASTERN ASSOCIATIONS

The Association of Boston and Vicinity

President: Robert A. Woods, South End House
Secretary: Harold C. Keith, 1224 Main St., Campello, Mass.

The Association of Lowell

President: Rev. John M. Greene, 82 Pinckney St., Boston
Secretary: Charles W. Morey, 14 Belmont St., Lowell

The Association of Central Massachusetts

President: Prof. George H. Haynes, Worcester Polytechnic Institute, Worcester
Secretary: Dr. Gordon Berry, 28 Trowbridge Road, Worcester

The Connecticut Valley Association

President: Dr. Herbert C. Emerson, 177 State St., Springfield
Secretary: George R. Yerrall, 88 Maplewood Ave Springfield

The Association of Connecticut

President: Prof. Charles S. Lane, West Hartford
Secretary: Fred R. Gilpatric, 129 Black Rock Road, New Britain

The Association of Rhode Island

President: H. Edward Thurston, Mechanics National Bank, Providence
Secretary: Gerald N. Richmond, 532 Grosvenor St., Providence

The Association of New York

President: Collin Armstrong, 115 Broadway
Secretary: John L. Vanderbilt, Englewood, N. J.

The Association of Brooklyn

President: Edwin G. Warner, Ph.D., 56 Montgomery Place
Secretary: C. Francis Beatty, Pratt Works, Long Island City

The Association of Central New York

President: Jonas S. Van Duzer, Horseheads
Secretary: Halsey M. Collins, Cortland

The Association of Western New York

President: Rev. Edwin H. Dickinson, North Presbyterian Church, Buffalo
Secretary: Edwards L. Cleaveland, 630 Humboldt Parkway, Buffalo

The Rochester Club

President: Herbert W. Gates, Brick Church Institute
Secretary: William J. Babcock, Brighton Station

The Association of Philadelphia and Vicinity

President: Rev. Charles E. Bronson, D.D., 4050 Aspen St.
Secretary: Theodore W. Seckendorf, 1353 South Lindenwood St., West Philadelphia

The Association of Washington

President: Hon. Ashley M. Gould, 1931 16th St., N. W.
Secretary: Barry Bulkley, Cosmos Club

The Association of Western Pennsylvania

President: William D. Evans, Esq., Oliver Build., Pittsburgh
Secretary: Kenneth R. Cunningham, Esq., Suite 501–3, Frick Build., Pittsburgh

CENTRAL AND FAR WESTERN ASSOCIATIONS

The Association of Cleveland and Vicinity

President: Charles K. Arter, Esq., Marshall Build.
Secretary: Charles W. Disbrow, University Club

The Amherst Club of Chicago

President: George H. McIlvaine, Hubbard Woods, Ill.
Secretary: John H. Stevens, 111 West Monroe St., Chicago

The Association of St Louis

President: Luther Armstrong, Kirkwood
Secretary: Edward T. Hall, Purina Mills

Michigan State Amherst Association

President: Charles F. Adams, 34 Selden Ave., Detroit
Secretary: William A. Sleeper, 1112 Union Trust Build., Detroit

The Northwestern Association

President: Joseph R. Kingman, Esq., 225 Ridgewood Ave., Minneapolis, Minn.
Secretary: Joseph L. Seybold, Wells and Dickey Co., Minneapolis, Minn.

The Association of Des Moines

President: Richard R. Rollins, care of "The Shops"
Secretary: Edwin D. Hewitt, 118 Fourth St.

The Association of the Southwest

President: Dr. George E. Bellows, 429 Rialto Build., Kansas City, Mo.
Secretary: Edward W. Kidder, 4131 Mercier St., Kansas City, Mo.

The Association of Nebraska

President: Rev. Frederic T. Rouse, 412 North 22d St., Omaha
Secretary: Osgood T. Eastman, First National Bank, Omaha

The Rocky Mountain Association

President: William F. Slocum, Colorado Springs, Colo.
Secretary: Fred P. Smith, Esq., 206 Tramway Build., Denver, Colo.

The Association of Arizona

President: Stuart W. French, Douglas
Secretary: William H. Webster, Douglas

The Association of Southern California

President: Rev. William H. Day, 946 South Union Ave., Los Angeles
Secretary: Daniel Beecher, Esq., 500 Washington Build., Third and Spring Sts., Los Angeles

The Association of Washington

Presiaent: D. Bertrand Trefethen, Esq., 614 Coleman Build., Seattle
Secretary: Dr. Paul A. Turner, 805 American Bank Build., Seattle

The Association of Northern California

President: Prof. William A. Merrill, Ph.D., LL.D., 2609 College Ave., Berkeley

Secretary: Willard P. Smith, Esq., 1700 Call Build., San Francisco

Amherst Club of Northwestern Ohio

President: Alexander L. Smith, 51–54 Produce Exchange, Toledo

Secretary: Donald P. Smith, 2459 Collingwood Ave., Toledo

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1915-1916

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OF

AMHERST COLLEGE

FOR THE YEAR
1915 — 1916

AMHERST MASSACHUSETTS
PUBLISHED BY THE COLLEGE

1915

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COLLEGE CALENDAR

1915

September 23, Beginning of the College Year 11:30 A.M. Thursday
October 6, Mountain Day, a holiday Wednesday
October 13–15, Porter Prize Entrance Examinations
November 24–26, Thanksgiving Recess 12:20 P.M. Wed., 2:00 P.M. Fri.
December 21, Christmas Recess begins 12:20 P.M. Tuesday

1916

January 4, Christmas Recess ends 2:00 P.M. Tuesday
February 3–9, Semester Examinations

February 10, Second Half-year begins; registration, 2.00 P.M. Th.
February 27, Day of Prayer for Colleges Sunday
March 29, Spring Recess begins 12:20 P.M. Wednesday
April 6, Spring Recess ends 2:00 P.M. Thursday
May 30, Memorial Day, a holiday Tuesday
June 10, Preliminary Registration Day Saturday
June 12–17, Semester Examinations
June 18, Baccalaureate Sermon Sunday
June 19–24, Examinations for Admission Monday to Saturday
June 19, Hyde Prize Orations Monday afternoon
June 19, Kellogg Prize Declamations Monday evening
June 20, Class Day Tuesday
June 20, President's Reception Tuesday afternoon
June 20, Lawn Fête Tuesday evening
June 21, Commencement Exercises Wednesday morning
June 21, Alumni Dinner Wednesday afternoon

SUMMER VACATION OF THIRTEEN WEEKS

September 13–19, Examinations for Admission Wed. to Tuesday
September 20, Beginning of the College Year 11:30 A.M. Wed.
October 7, Mountain Day, a holiday
October 12–14, Porter Prize Entrance Examinations
Nov. 29 to Dec. 1, Thanksgiving Recess
12:20 P. M. Wed. to 2:00 P. M. Friday
December 21, Christmas Recess begins 12:20 P.M. Thursday

1917

January 4, Christmas Recess ends 2:00 P.M. Thursday
February 1–7, Semester Examinations

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HISTORICAL NOTE

Amherst College bears the name not of an individual founder or promoter, nor of a religious denomination or dogma, but of the town in which it is located. The fact is significant. From its early years Amherst was the home of liberal-minded men who desired for their children better educational advantages than could be afforded by the old-time district schools. Through the plodding decades succeeding the close of the Revolution, however, this desire had to remain unrealized; until in 1812 the people of the town, among whom was a goodly number of college graduates, took steps to found a school of higher education, the Amherst Academy, a school of much distinction and usefulness in its day; which received its charter in 1816, the same year in which the earlier founded Hopkins Academy in Hadley was incorporated. From Amherst Academy, dedicated to the promotion of "morality, piety, and religion," and to "the instruction of youth in the learned languages," came in quite limited process of time Amherst College, whose immediate object, as expressed by Noah Webster at the laying of the corner-stone, was "that of educating for the gospel ministry young men in indigent circumstances, but of hopeful piety and promising talents." The address from which these words are quoted was delivered August 9, 1820. From this date the erection of the first building, the present South College, proceeded apace, aided by heartily given contributions of money, labor, and materials, both from Amherst and several surrounding towns; so that on September 18, 1821, the building completed, exercises of dedication and inauguration were held in the church building of the First parish, now College Hall,

and Amherst College, with a president, two professors, and forty-seven students, was on the following day opened for its growing and honorable service to the community, the commonwealth, and the world. From the beginning its ideals have been of the highest, tolerating no limitations. "I should be wholly averse," wrote the first President in his letter of acceptance, "to becoming united with any institution which proposes to give a classical education inferior to that given in any of the colleges in New England."

After two adverse votes in the Legislature the College finally secured a charter from the Commonwealth, the date of its approval being February 21, 1825. A number of students in the intervening classes, being compelled to graduate without a degree, received their degrees from Union College, on suitable certificates from Amherst. Of the charter just mentioned a few words are all that the present sketch permits, or that are pertinent to present conditions. As to the Board of Trustees, it was "provided, . . . that the number of members (including the president of said college for the time being, who shall *ex officio* be one of said corporation) shall never be greater than seventeen"; and as to keeping that number good, it was in the same section "provided, further, that as vacancies shall occur in said board, they shall be so filled that the said board shall as soon as may be, and forever after, consist of seven clergymen and ten laymen." The first five vacancies that occurred in the board were filled by vote of the Legislature; but when, fifty years after the founding of the college, the number of alumni had become sufficient to warrant it, the alumni were empowered to choose five members of the board, electing one each year as their terms of service expired. Regarding instructors and students, it was enacted (Section 6), "That no instructor in said college shall ever be required by the trustees to profess any

particular religious opinions as a test of office; and no student shall be refused admission to or denied any of the privileges, honors or degrees of said college on account of the religious opinions he may entertain."

The charter contains a curious section (Section 7), which is here mentioned for its historic and perhaps we may say providential interest. "And be it further enacted," the passage naïvely runs, "That if it shall hereafter appear to the Legislature of this Commonwealth lawful and expedient to remove Williams College to the town of Amherst, and the President and Trustees of Williams College shall agree so to do, the Legislature shall have full power to unite Williams and Amherst Colleges into one university at Amherst, on such terms and conditions and under such government as shall be agreed upon by the majority of a board of seven commissioners, of whom," etc. This enactment was made, it will be noted, four years after the first President of Amherst had resigned the presidency of Williams in order to come to this, as he deemed, more suitable town for a college, and brought with him fifteen students from Williamstown. The question of this transfer to Amherst was for some years a quite acute one, not agitated by the people of Amherst but by the ministers and others in the towns of western Massachusetts, and discussed, so far as can be ascertained, without any acrimony between the colleges. The providential interest intimated above lies in the fact that the union of the colleges was not effected; somewhat on the principle sapiently implied once by a thoughtful child writing about pins,—that "pins had saved a great many people's lives—by not swallowing them." It is much better as it is—to have Williams as a sister college, and incidentally to try conclusions with her in friendly and generous rivalry, than to lack so honorable and valuable

a neighbor. Both colleges, we may be sure, are the better for it.

The general government of the college is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

The corporate name of the Institution is "The Trustees of Amherst College."

We append here a list of the Presidents, with a few items of their lives and services.

The first President, Rev. Zephaniah Swift Moore, D.D., was born in Palmer, November 20, 1770; was graduated 1793 at Dartmouth College; at the time of his call to Amherst was President of Williams College, which office he resigned as stated above; was President 1821 to 1823.

The second President, Rev. Heman Humphrey, D.D., was born in West Simsbury, Conn., March 26, 1779; was graduated from Yale College in 1805; was called to the presidency of Amherst from a pastorate in Pittsfield; was President 1823 to 1845.

The third President, Rev. Edward Hitchcock, D.D., LL.D., was born in Deerfield, May 24, 1793; was a special student of theology and science at Yale College, 1826, from which institution he had already received the honorary degree of A.M. in 1818; was elected from the faculty to the presidency of Amherst; was President 1845 to 1854.

The fourth President, Rev. William Augustus Stearns, D.D., LL.D., was born in Bedford, Mass., March 17, 1805; was educated at Harvard and at Andover, and was ordained in the Congregational Church, 1831; was President and Pastor of the College Church, 1854–1876.

The fifth President, Rev. Julius Hawley Seelye, D.D.,

LL.D., was born in Bethel, Conn., September 14, 1824; was graduated from Amherst College, 1849, and from Auburn Theological Seminary in 1852; was professor of Mental and Moral Philosophy at Amherst, 1858 to 1874; was elected to Congress in 1874; was President and Pastor of the College Church, 1876 to 1890.

The sixth President, Merrill Edwards Gates, Ph.D., LL.D., L.H.D., was born in Warsaw, N. Y., April 6, 1848; was graduated from the University of Rochester, 1870; was called to Amherst from the presidency of Rutgers College, 1890; was President of Amherst College, 1890 to 1899.

The seventh President, Rev. George Harris, D.D., LL.D., was born in East Machias, Me., April 1, 1844; was graduated from Amherst College, 1866, and from Andover Theological Seminary, 1869; was called to Amherst from Andover where he was Professor of Christian theology, 1899; was President, 1899 to 1912.

The eighth President, now in office, Alexander Meiklejohn, Ph.D., LL.D., was born in Rochdale, England, February 3, 1872; was graduated from Brown University, 1893, and from Cornell University (Ph.D.), 1897; was called to Amherst from Brown University, where he was Dean and Professor of logic and metaphysics, 1912; since 1912 President and Professor of logic and metaphysics.

J. F. G.

THE FUNCTION OF THE LIBERAL COLLEGE

[Extract from an address delivered by President Meiklejohn at the exercises in celebration of the founding of Allegheny College, June, 1915.]

In the old colonial community, the clergyman, as in lesser degree the lawyer and the teacher, was the man of ideas. He was no mere teacher of the gospel and tender of the parish. While his people lived their lives it was his task to reflect upon their living, to formulate the beliefs on which it was based, to study the conditions by which it was molded, to bring to clearness the problems by which it was faced, to study the moral, social, economic, political situations of which it was constituted. It was his part and the part of men of like intellectual development to attempt to understand the lives which other men were living with lesser degrees of understanding. It was his task to serve as prophet and seer, as guide and counselor of his people.

It was for this task that the liberal college intended to prepare him. And in these latter days, as the scope of education has been extended more broadly, the same liberal education has been given to great numbers of our young men, whatever the professions they are planning to enter. At the present time a very small percentage of our college graduates become ministers; more than half of them enter into some form of business occupation. But whether they are to be in business or in the ministry, the same education must be given them, since the new community has the same need as had the old of understanding itself, of stating itself in terms of ideas.

This fundamental belief of liberal education can be stated in terms of two principles. The first is shared by both lib-

eral and technical teaching. The second applies to liberal education alone. The principles are these: (1) that activity guided by ideas is on the whole more successful than the same activity without the control of ideas, and (2) that in the activities common to all men the guidance by ideas is quite as essential as in the case of those which different groups of men carry on in differentiation from one another.

The first principle applies to all higher education. We recognize that human deeds may be done in either of two ways—first, by habit, by custom, by tradition, by rule of thumb, just as they always have been done; or, on the other hand, under the guidance of study, of investigation, of ideas and principles by which men attempt to discover and to formulate knowledge as to how these activities can *best* be done. Now all higher education, liberal or professional, rests on the belief that on the whole an activity which is understood will be more successful than one which is not understood. Knowledge pays; intelligence is power.

The liberal school and the professional are, however, separated by their choice of the activities which each shall study. Every professional school selects some one special group of activities carried on by the members of one special trade or occupation and brings to the furtherance of these the full light of intellectual understanding and guidance. The liberal school, on the other hand, takes as its content those activities which all men carry on, those deeds which a man must do in virtue of the fact that he is a man; and within this field it seeks to achieve the same enlightenment and insight. The liberal college would learn and teach what can be known about a man's moral experience, our common speech, our social relations, our political institutions, our religious aspirations and beliefs, the world of nature which surrounds and molds us, our intellectual and aesthetic strivings and yearnings — all these, the human

things that all men share, the liberal school attempts to understand, believing that if they are understood, men can live them better than they would live them by mere tradition and blind custom. But one of the terrible things about our generation is that the principle which it accepts so eagerly in the field of the vocations it refuses and shuns in the deeper things of human living. I have known fathers planning for the training of a son, who would see to it that in the preparation for his trade every bit of knowledge he can have is supplied him. If the boy is to be a dyer of cloth, then he must study the sciences that understand that process. All that can be known about the nature of fabrics, the constitution of dyestuffs, the processes of application and development of the dye—not one bit of all this may be lacking from the teaching of the boy. To put him into the shop without that knowledge, to let him learn by imitation, pick up the rule of thumb, follow the ways of master workmen of the trade—to do that would be to make him only a workman, one who can do what has been done, can do what he is told to do. But the father is not content with this. His boy must understand and know the trade so that he may be the leader and the guide, may give the orders rather than obey them. But how often the same father is unwilling that his boy attempt to understand his own religion, his own morals, his own society, his own politics! In these fields, surely the father's opinions are good enough! Keep the boy's mind at rest regarding his religion and his economics; what has been believed before had better still be believed! It may be bad for business, may interfere with a boy's success if he becomes too much interested in the fundamental things of life! And so such parents invite us to leave the universal things, the things most sacred and significant, to blindness, to the mere drift of custom, to tradition, and rule of thumb. And

here it is that the liberal college again asserts its loyalty to the men who founded the older institutions. Those men had intellectual faith; they believe that it is worth while to know the life of man, and so they studied it and taught it to their pupils. I know that I speak for the teachers and the administrators of the liberal college here represented today when I pledge anew our loyalty to the men in whose footsteps we follow. So far as we can bring it about the young people of our generation shall know themselves, shall know their fellows, shall think their way into the common life of their people, and by their thought shall illumine and direct it. If we are not pledged to that, then we have deserted the old standard; we are apostates from the faith. But I think that a good many of us are still loyal. We welcome every new extension of vocational instruction. We know that every man should have some special task to do and should be trained to do that task as well as it can possibly be done. The more the special trades and occupations are guided and directed by skill and knowledge the more will human life succeed in doing the things it plans to do. But by the same principle we pledge ourselves to the study of the universal things in human life, the things that make us men as well as ministers and tradesmen. We pledge ourselves forever to the study of human living in order that living may be better done. We have not yet forgotten that fundamentally the proper study of mankind is Man.

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ROBERT PALFREY UTTER, PH.D. 83 South Pleasant St.
Associate Professor of English

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Associate Professor of Romance Languages

RICHARD FRANCIS NELLIGAN 11 Sunset Ave.
Associate Professor of Hygiene and Physical Education

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Associate Professor of English

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Associate Professor of Philosophy

LAURENCE HOUGHTON PARKER, B.A. 50 Amity St.
Associate Professor of Mathematics

ALFRED SHEPARD GOODALE, B.A. 3 Parsons St.
Associate Professor of Botany, and Registrar

CHARLES WIGGINS COBB, PH.D. Mt. Doma
Associate Professor of Mathematics

WILLIAM RADER WESTHAFER, M.A. 9 Woodside Ave.
Associate Professor of Physics

CHARLES ERNEST BENNETT, PH.D. 2 Tyler Place
Associate Professor of Latin

JOHN ALLAN CHILD, B.A. 19 Main St.
Associate Professor ad interim *of Romance Languages*

CLARENCE EDGAR SHERMAN, B.S. 67 South Pleasant St.
Assistant Librarian

GEORGE FRISBIE WHICHER, PH.D. 8 Woodside Ave.
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Instructor in Chemistry

CLARENCE EDWIN AYRES, M.A. Bank Block
Instructor in Social Science and Logic

RALPH WHEATON WHIPPLE, B.S. 105 Morris Pratt Memorial Dormitory
Assistant in Geology

WALDO SHUMWAY, M.A. 11 Parsons St.
Assistant in Biology

WALTER RAYMOND AGARD, B.A. 109 Morris Pratt Memorial Dormitory
Assistant in English

JOSEPH LYONS SNIDER, B.A. 109 Morris Pratt Memorial Dormitory
Assistant in Public Speaking

CARL WILLIS HYLAND 20 Woodside Ave.
Secretary of the Department of Hygiene and Physical Education

LECTURERS ON SPECIAL FOUNDATIONS
1914–1915

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The Clyde Fitch Foundation

ALVIN SAUNDERS JOHNSON, PH.D. Cornell University
The Henry Ward Beecher Foundation

GEORGE WASHINGTON KIRCHWEY, LL.D. Columbia University
The William Brewster Clark Memorial Foundation

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Kellogg University Fellow

HENRY CLEVELAND SWASEY, B.S. Amherst, Mass.
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SIDNEY RAYMOND PACKARD, B.A. Cambridge, Mass.
Roswell Dwight Hitchcock Fellow

JOHN MERRIMAN GAUS, B.A. Boston, Mass.
South End House Fellow

COMMITTEES OF THE FACULTY

ADMINISTRATION

The President
The Dean
The Secretary

Professor Churchill
Professor Corsa
Professor Cowles
Professor Loomis
Professor Newlin

INSTRUCTION

The President
Professor Bigelow
Professor Crook
Professor Doughty
Professor Gallinger
Professor Kimball
Professor Lancaster
Professor Manthey-Zorn
Professor Smith
Professor Stowell
Professor Toll

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The President
Professor Cobb
Professor Corsa
Professor Doughty
Professor Gettell
Professor Loomis
Professor Phillips
Professor F. L. Thompson

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The President
The Treasurer
The Librarian
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Professor Olds
Professor Lancaster
Professor Bigelow
Professor Cowles
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The President
The Secretary
The Registrar
Professor Eastman
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STUDENT ADVISERS

Professor Eastman — Professor Olds
Professor W. H. Hamilton — Professor F. L. Thompson
Professor Westhafer

LECTURES

The President — Professor Smith
Professor Crook — Professor Stowell
Professor Young

COMMENCEMENT

Professor Churchill — Professor Hopkins
Professor Corsa — Professor Phillips
Professor Tyler

COLLEGE PREACHERS

1914–1915

Talcott Williams, ll.d., l.h.d., litt.d.	New York, N. Y.
Rev. Lewis T. Reed	Brooklyn, N. Y.
Rev. John W. Platner	Cambridge, Mass.
Rev. Jay T. Stocking, d.d.	Washington, D. C.
Rev. J. Frederick Berg, d.d.	New Brunswick, N. J.
Rev. Frank J. Goodwin, d.d.	Westfield, N. J.
Dean Wilford L. Robbins, d.d., ll.d.	New York, N. Y.
Rev. Alexander H. Abbott	Albany, N. Y.
Rev. Edwin H. Van Etten	New York, N. Y.
President Albert P. Fitch, d.d.	Cambridge, Mass.
Rev. Jason Noble Pierce	Boston, Mass.
Rev. Augustus M. Lord, d.d.	Providence, R. I.
Dean Charles R. Brown, d.d.	New Haven, Conn.
Dean Edmund S. Rousmaniere, d.d.	Boston, Mass.
President Marion L. Burton, d.d., ll.d.	Northampton, Mass.
Rt. Rev. James DeWolf Perry, Jr.	Providence, R. I.
Rev. Edward R. Evans	Pawtucket, R. I.
Rev. J. V. Moldenhawer	Albany, N. Y.
Prof. Walter Rauschenbusch, d.d.	Rochester, N. Y.
Rev. James A. Richards	Boston, Mass.
Prof. Eugene W. Lyman, d.d.	Oberlin, O.
President Kenyon L. Butterfield, ll.d.	Amherst, Mass.
President William H. P. Faunce, d.d., ll.d.	Providence, R. I.
Rev. Nehemiah Boynton, d.d.	Brooklyn, N. Y.
Rev. George A. Gordon, d.d., ll.d.	Boston, Mass.
President Emeritus George Harris, d.d., ll.d.	New York, N. Y.

Rev. HARRY P. DEWEY, D.D. Minneapolis, Minn.
Rev. JOHN TIMOTHY STONE, D.D., LL.D. Chicago, Ill.
Rev. J. DOUGLAS ADAM, D.D. Hartford, Conn.
Rev. SIMON JOHN MCPHERSON, D.D. Lawrenceville, N. J.
Rev. EDWARD F. SANDERSON Stamford, Conn.
Rev. S. PARKES CADMAN, D.D. Brooklyn, N. Y.
Prof. JOHN F. GENUNG, D.D., L.H.D. Amherst, Mass.
President ALEXANDER MEIKLEJOHN, PH.D., LL.D. Amherst, Mass.

DEGREES

BACHELOR OF ARTS

The Degree of Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the Degree of Bachelor of Arts is arranged on the basis of a four years' course to be pursued by students in residence at the college.

Plans are offered, however, which enable candidates for the degree to complete the course of study in less than four years either wholly at Amherst or in part at other colleges. (See page 56).

Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at ninety-three per cent, *magna cum laude* at eighty-eight per cent, and *cum laude* at eighty per cent.

A detailed statement of the curriculum will be found on page 57.

BACHELOR OF SCIENCE

The Degree of Bachelor of Science will be conferred upon students of Amherst College who, having entered with the class of 1916 or 1917, have satisfactorily met the requirements prescribed for that degree.

No other candidates for the Degree of Bachelor of Science will be received.

Diplomas are graded as in the Arts course. A statement of the course of study leading to this degree will be found on page 59.

COURSE WITHOUT DEGREE

Students who desire to pursue a course of study varying from the regular curriculum are occasionally admitted to Amherst College as special students, not candidates for a degree. Rules relating to special students will be found on page 60.

MASTER OF ARTS

The Degree of Master of Arts is conferred upon Bachelors of Amherst College and of other colleges that confer the Bachelor's degree under conditions equivalent to those at Amherst College, who, having spent one year in residence at Amherst, have satisfactorily met the requirements prescribed for that degree.

For a detailed statement of these requirements see page 60.

Undergraduates of Amherst College who complete the work for the Bachelor's degree at the end of the first semester of Senior year may apply the remainder of the year to studies leading to the Master's degree.

ADMISSION

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

All candidates for admission to College must present satisfactory testimonials of good character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school year.

Subject	*Rating*	*Subject*	*Rating*
Biology	½	History D	1
Botany	½	Latin 1	1
Chemistry	1	Latin 2	1
English 1	2	Latin 4	1
English 2	1	Latin 5	1
French A	2	Mathematics A(A1+A2)	1½
French B	1	Mathematics A1	1
German A	2	Mathematics A2	½
German B	1	Mathematics C	1
Greek A, B	2	Mathematics B	½
Greek C, F, H	1	Mathematics D	½
Harmony (Music B)	1	Mathematics F	½
History A	1	Physics	1
History B	1	Physiography	1
History C	1	Physiology	½

A description of these subjects arranged in alphabetical order will be found on pages 32–48.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS

All candidates for a degree must present entrance credits which amount to fourteen points, a point being a course pursued five hours per week for a school year.

The credits presented must include

Subject	*Points*
English 1	2
English 2	1
History A (Ancient History)	1
One ancient language	
Latin 1, 2, 4, 5	4
or Greek A, B, C, F, H	3
Mathematics A (elementary algebra)	1½
Mathematics C (plane geometry)	1
A second foreign language	
Greek or a modern language,	2
or Latin	3

The remaining credits must be presented from the subjects contained and rated in the list on the preceding page.

COURSE WITHOUT DEGREE

Every candidate desiring to pursue a course varying from the regular curriculum must present the proposed course for approval, must present evidence of special fitness for such work, and must meet the following general requirements for admission:

Subject	*Points*
English 1	2
English 2	1
History (A or B or C or D)	1
Mathematics A (elementary algebra)	1½
Mathematics C (plane geometry)	1
A foreign language	3

In addition four and one-half points must be presented from the subjects contained and rated in the list on the preceding page.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the letters at the left represent the divisions of the subject recognized

by the College Entrance Examination Board and used in designating their examination papers.

Biology

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

Botany

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens' *Introduction to Botany.*

Chemistry

The examination will include illustrations from any of the following topics in non-metallic chemistry:

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-

acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

English

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

English Grammar and Composition

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises should comprise narration, description, easy exposition, argument, and letter-writing. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

Literature

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the students should be trained

in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with the place assigned to them in literary history.

A. READING.*—The aim of this course is to foster the habit of intelligent reading and to develop a taste for good literature by giving the student a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1915–1919:

To allow a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid.

(The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—*Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tem-*

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915–1919. Substitutions in these lists may be accepted, provided they are submitted to the Secretary of the Faculty on or before the first day of February preceding the examination.

*pest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet.**

GROUP III. PROSE FICTION.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield;* Frances Burney, *Evelina;* Scott's Novels, any *one;* Jane Austen's Novels, any *one;* Maria Edgeworth, *Castle Rackrent*, or *The Absentee;* Dickens' Novels, any *one;* Thackeray's Novels, any *one;* George Eliot's Novels, any *one;* Mrs. Gaskell, *Cranford;* Kingsley, *Westward, Ho!* or *Hereward, the Wake;* Reade, *The Cloister and the Hearth;* Blackmore, *Lorna Doone;* Hughes, *Tom Brown's Schooldays;* Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae;* Cooper's Novels, any *one;* Poe, Selected Tales; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse;* a collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, The Sir Roger de Coverley Papers or Selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, Selections from the *Life of Johnson* (about 200 pages); Franklin *Autobiography;* Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith;* Southey, *Life of Nelson;* Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockhart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humourists;* Macaulay, any *one* of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay;* Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast;* Lincoln, Selections, includ-

*If not chosen for study under B.

ing at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail;* Thoreau, *Walden;* Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table;* Stevenson, *An Inland Voyage and Travels with a Donkey;* Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge, A Liberal Education* and *A Piece of Chalk;* A Collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

GROUP V. POETRY.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village;* Pope, *The Rape of the Lock;* a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens*, and a selection from later ballads; Coleridge, *The Ancient Mariner, Christabel*, and *Kubla Khan;* Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon;* Scott, *The Lady of the Lake* or *Marmion;* Macaulay, *The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry;* Tennyson, *The Princess*, or *Gareth and Lynette, Lancelot and Elaine*, and *The Passing of Arthur;* Browning, *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus;* Arnold, *Sohrab and*

Rustum, and *The Forsaken Merman;* Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare, *Julius Cæsar*, *Macbeth*, *Hamlet.*

GROUP II. POETRY.—Milton *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas;* Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur;* The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY.—Burke, *Speech on Conciliation with America;* Macaulay's two *Speeches on Copyright* and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

GROUP IV. ESSAYS.—Carlyle, *Essay on Burns*, with a selection from Burns' Poems; Macaulay, *Life of Johnson;* Emerson, *Essay on Manners.*

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. Grammar and Composition.

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these

studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature.

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (A) READING, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions, as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language

Association of America. See page 87 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;*

Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tâche de petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

B. INTERMEDIATE FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry, *Récits des Temps Mérovingiens;* Thiers, *L'Expédition de Bonaparte en Egypte;* Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 73 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupils to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill should be given in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

GREEK

ELEMENTARY GREEK

A 1. Greek Grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I–IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I–II (omitting Book II 494–end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose

based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

History

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

Latin

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias;* Vergil, *Æneid*, I–VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations, Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics, Georgics*, and *Æneid*) and Ovid (*Metamorphoses, Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set

will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

Mathematics

ELEMENTARY MATHEMATICS

A. Algebra to quadratics and beyond.

A 1. Algebra to quadratics.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative.

A 2. Quadratics and beyond.

Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial theorem for positive integral exponents; the formulas for the nth term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines, or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

MUSIC B. (Harmony)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization

of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

Physics

Candidates should pursue a course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those set by the College Entrance Examination Board.

Physiography

Candidates should master Dryer's *Physical Geography* or Davis' *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Notebook and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

Physiology

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, with special attention to their working. The emphasis should be placed on function. An elementary knowl-

edge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

METHODS OF ADMISSION

EXAMINATIONS FOR ADMISSION

Examinations are held twice every year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. In the case of preliminary examinations a higher passing grade is required than in the case of final examinations, and credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English 2.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1916

In June, 1916, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 19–24, 1916.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Hamilton Hall, Post Office Station H, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

If the application is received sufficiently early the examination fee will be $5.00 for candidates examined in the United States and Canada and $15.00 for candidates examined outside of the United States and Canada. The fee should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

The applications and fees of candidates who wish to be examined outside of the United States and Canada must reach the Secretary of the Board at least five weeks in advance of the first day of the examinations, that is, on or before Monday, May 15, 1916.

The applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 29, 1916.

The applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River must be received at least two weeks in advance of the first day of the examinations, that is, on or before Monday, June 5, 1916.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the examination centre at which he wishes to present himself,

and a list of all the subjects in which he may have occasion to take the Board's examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon payment of $5.00 in addition to the usual fee.

A list of the places at which examinations are to be held by the Board in June, 1916, will be published about March 1. Requests that the examinations be held at particular points should, to receive proper consideration, be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Wednesday, Thursday, Friday, Saturday, Monday and Tuesday, September 13–19, 1916.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

First Day—Sept 13

8.30–10.30 A.M	Latin 4
10.45 A.M.–12.30 P.M.	Latin 2
2.00–4.00 P.M.	Latin 5
4.15–6.15 P.M.	French B

SECOND DAY—SEPT. 14	
8.30–10.30 A.M.	Mathematics C
10.45 A. M.–12.30 P.M.	Mathematics D
2.00–4.00 P.M.	German A
4.15–6.15 P.M.	History A, C
THIRD DAY—SEPT. 15	
8.30—10.30 A.M.	Physics
10.45 A.M.–12.30 P.M.	Latin 1
2.00–4.00 P.M.	French A
4.15–6.15 P.M.	German B
FOURTH DAY—SEPT. 16	
8.30–10.30 A.M.	Mathematics A 1
10.45 A.M.–12.30 P.M.	Mathematics A 2
2.00–4.00 P.M.	Botany
	Physiography
	Zoölogy
4.15–6.15 P.M.	History B, D
FIFTH DAY—SEPT. 18	
8.30 –10.30 A.M.	English 1
10.45 A.M.–12.45 P.M.	Chemistry
2.00–4.00 P.M.	English 2
4.15–6.15 P.M.	Greek B
SIXTH DAY—SEPT. 19	
8.30–10.30 A.M.	Greek C, H
	Mathematics B
10.45 A.M.–12.30 P.M.	Greek A
2.00–4.00 P.M.	Mathematics F
4.15–6.00 P.M.	Greek F
	Music B
	Physiology

For Porter Admission Prize see page 109.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place

of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Secretary of the Faculty.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In Mathematics A and C no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. Certificates will be accepted in modern languages provided they have been pursued during the year preceding the date of admission to College; and certificates for advanced mathematics will be accepted with the understanding that in such cases the student is required to take Mathematics 11 and 2 in College. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from the schools which have been approved by the New England College Entrance Certificate Board or by The North-Central Association of Colleges and Preparatory Schools. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank W. Nicolson, Middletown, Conn.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England College Entrance Certificate Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations to the extent to which they cover the requirements of Amherst College, stated on pages 32-48.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue of the institution from which he comes, together with an official certificate showing (a) his entrance credits at that institution, (b) his college record including grade of scholarship in each subject taken, (c) honorable dismissal.

2. He must have completed creditably the work of at least one year in an institution of collegiate rank.

3. He must satisfy the entrance requirements of Amherst College, using his advanced credits for this purpose if necessary.

4. Credit is allowed only for work equivalent to courses in Amherst College.

5. Credit for such courses is regarded as provisional at the time of the applicant's admission to college, and will not be considered as final, nor will the applicant be given final enrollment, until he has satisfactorily completed at least one semester's work in Amherst College.

6. Candidates will be accepted only at the beginning of the year.

7. The applicant must indicate at the time of his admission all his claims for credit.

All applications for admission to advanced standing should be made to the Secretary of the Faculty.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Students who have completed in their preparatory schools studies corresponding to courses given in Amherst College may obtain credit for such courses by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Secretary of the Faculty.

6. Credit thus obtained may be used:

   a. In anticipation of required courses.

   b. To count toward graduation in less than four years. (See page 56.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

CURRICULUM

GENERAL REQUIREMENTS

DEGREE OF BACHELOR OF ARTS

All candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include one year of Mathematics, one year of English, one year of History or Philosophy, two years of Greek or Latin, and two years of science in the group Biology, Chemistry, Physics.

In addition to the forty courses work is required in Public Speaking during the first two years and in Physical Education during the first three years.

In order to receive a degree a candidate must have no outstanding deficiencies in the work of any semester, must have a reading knowledge of German or a Romance Language (French, Italian, or Spanish), and must attain an average grade of seventy per cent for the entire course.

All courses are assigned three hours each week, except the two semesters of required Mathematics and the first two semesters of Greek for beginners, which are four-hour courses.

The course of study must be so arranged that it will include two majors, and both these majors must be completed in the Senior year.

A major consists of six semester courses in the same subject pursued either

(1) during six consecutive semesters, or

(2) during the Junior and Senior years.

It will be seen, therefore, that the two majors required may not be begun until after the Freshman year.

NOTE.—The classes of 1916 and 1917 are permitted to choose between this requirement of majors and the older requirement of three majors and a minor.* Of these three majors at least one must be begun in the Freshman year, and at least one must be completed in the Senior year.

All students are required to take five courses in each semester.

No student is allowed to take more than six courses in a semester.

Not more than two courses taken simultaneously in one subject or under one instructor may count toward a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Committee on Instruction. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

No student is allowed to remain in college over two years with an entrance condition.

Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in Public Speaking

*A minor consists of four consecutive semester courses in the same subject pursued during the Junior and Senior years.

and Physical Education, in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Secretary of the Faculty at the beginning of the first year.

Graduation in Three and One-Half Years

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years must be given to the Secretary of the Faculty at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

STUDIES OF FRESHMAN YEAR

New Requirement

Beginning with the Class of 1918

1. English
2. Mathematics *
3. Ancient Language

4, 5. Two subjects out of the following three groups, but not more than one subject from any one group.

- A. Foreign Language
- B. Social and Economic Institutions
- C. Biology, Chemistry, Physics †

6. Hygiene and Physical Education, two thirds of the year
7. Public Speaking, second semester

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

*See note under Mathematics 2, page 79.

† Physics 1–2 is open to those freshmen who have credit for Mathematics D (solid geometry) and F (plane trigonometry), and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

STUDIES OF SOPHOMORE YEAR

New Requirement

Beginning with the Class of 1918

1. Ancient Language, continued.
2, 3, 4. One subject from each of the following groups:
   A. English, Modern Language, Music.
   B. Biology, Chemistry, Mathematics, Physics.
   C. History, Philosophy.
5. Elective.
6. Physical Education, one-half of the year.
7. Public Speaking, first semester.

If the reading requirement of a modern language has not been satisfied during Freshman year a modern language must be elected in Sophomore year.

STUDIES OF JUNIOR YEAR

Old Requirement

Classes of 1916, 1917

In Junior year all students are required to pursue three subjects chosen as majors, one subject chosen from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, and Physics, and one course from the electives open to Juniors. In addition, the required work in Physical Education must be completed.

1. *Major 1.
2. Major 2.
3. Major 3.
4. One subject from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, or Physics.
5. Elective.

New Requirement

Beginning with the Class of 1918

1. *Major 1.
2. Major 2.
3. Elective.
4. Elective.
5. Elective.
6. Physical Education, one-half of the year.

* For the definition of a major see page 55.

STUDIES OF SENIOR YEAR

Old Requirement

Classes of 1916, 1917

In Senior year all students are required to complete the second major, in case it has not been completed in Junior year, the third major, a minor,* and two elective courses.

New Requirement

Beginning with the Class of 1918

1. Major 1.
2. Major 2.
3. Elective.
4. Elective.
5. Elective.

DEGREE OF BACHELOR OF SCIENCE

All candidates for the Degree of Bachelor of Science must complete forty semester courses which shall include one year of Mathematics, one year of Physics, two years of English, and sufficient work in German and a Romance Language to constitute, when associated with entrance credits in those subjects, the equivalent of two years of college work in each.

Of the forty courses required twelve must be chosen from the group Economics, Mathematics, Science. In reckoning these twelve courses the two semesters of Mathematics in the Freshman year may not be counted, and not more than two semester courses in Economics may be included. Sciences taken in the Freshman year may be so counted.

With the exception of the specific requirements indicated above, candidates for this degree are subject to all the rules and requirements which are prescribed in the case of candidates for the Degree of Bachelor of Arts.

* For the definition of a minor see page 56.

COURSE WITHOUT DEGREE

Students who are pursuing studies not leading to a degree are required to take as many courses as are taken by regular students. In the first year they must continue the study of the foreign language presented at entrance, and must take the required courses of Freshman year for which they are prepared, except those for which credit is secured at the time of admission. Other courses may be chosen from the group Biology, Chemistry, Physics, History, and Modern Languages. After the first year all studies are elective.

One having been admitted to college as a special student, not a candidate for a degree, may at any time become enrolled as a candidate for the Degree of Bachelor of Arts by satisfying the requirements for admission to that course.

DEGREE OF MASTER OF ARTS

Every candidate for the Degree of Master of Arts must make application to the Secretary of the Faculty for permission to enter upon a course of study for the degree. This application must be made not later than one week before the first day of the college year.

In the case of undergraduates of Amherst College who expect to complete the work for the Bachelor's degree at the end of the first semester of their Senior year, and who wish to apply the second semester to studies leading to the Master's degree, the application must be in the hands of the Secretary of the Faculty on or before December first of that year.

A blank form of application may be obtained from the Secretary of the Faculty. On this blank the applicant must indicate the department in which he wishes to pursue his major course of study, and return his application to the Secretary of the Faculty. If this preliminary application is accepted by the Committee on Instruction, the applicant

will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as minors, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 per cent in each of his courses. The amount of work done must be acceptable to the teachers concerned and to the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Faculty.

COURSES OF INSTRUCTION IN DETAIL

In the numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

A tabulated statement of electives by years will be found on page 90.

Unless the contrary is stated, members of any class are

permitted to elect courses which are open to the members of a lower class.

Art

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

Professor Smith.
(Omitted in 1915–1916.)
Elective for Juniors.

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Professor Baxter.
(Omitted in 1915–1916)
Elective for Juniors.

Astronomy and Navigation

1. General and descriptive astronomy; Todd's *New Astronomy;* lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.
Elective for Juniors.

2. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)
Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.
Elective for Juniors.

4. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial,

transit, and spectroscope. The course includes the theory of the construction, adjustment and use of the instruments of the observatory. Each student makes observations and completely calculates or reduces them. The course includes also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(Mathematics 1, 2, 3, 4, and Astronomy 1 requisite.)
Mon., Wed., 9.30, Fri., 3, PROFESSOR TODD.
Elective for Seniors.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. Old Testament: the formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.
Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; culmination and decline of prophecy; lines of post-exilic literature.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.
Elective for Juniors.

3. New Testament: coming of the Son of Man, and characteristics of His word and work.

PROFESSOR GENUNG.
(Omitted 1915–1916.)
Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

PROFESSOR GENUNG.
(Omitted 1915–1916.)
Elective for Juniors.

Biology

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, Professor Tyler.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, Professor Loomis.
Elective for Freshmen.
Fee, $3.00.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. Professors Tyler and Loomis.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.
Elective for Freshmen.
Fee, $3.00.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

Laboratory work two hours a week.
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Tyler.
B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Tyler.
Elective for Sophomores.
Fee, $5.00.

4. Evolution and distribution of the vertebrates.

Laboratory work two hours a week.
(Biology 3 requisite.)
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Loomis.
B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Loomis.
Elective for Sophomores.
Fee, $5.00.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)
PROFESSOR GOODALE.
(Omitted in 1915–1916.)
Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Tu., 3, Thu., Fri., 9.30, Appleton 3, PROFESSOR GOODALE.
Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Laboratory work two hours a week.
Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.
Elective for Juniors.
Fee, $5.00.

10. Human Physiology.

Laboratory work two hours a week.
Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR PHILLIPS.
Elective for Juniors.

11. Biological problems.

(Biology 4 requisite.)
Mon., Wed., Fri., 11.30, Biological Laboratory, PROFESSOR LOOMIS and MR. SHUMWAY.
Elective for Juniors.

12. Anthropology.

(Biology 4 requisite.)
Mon., Wed., Fri., 11.30, Biological Laboratory, PROFESSOR TYLER.
Elective for Juniors.

Chemistry

1. General chemistry; the non-metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.

Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, Professors Hopkins and Doughty, and Dr. Zinn.

Elective for Freshmen.

Fee, $5.00.

2. General chemistry; the metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.

Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, Professors Hopkins and Doughty, and Dr. Zinn.

Elective for Freshmen.

Fee, $4.00.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Two hours class-room work and three hours of laboratory work each week.

(Chemistry 1 and 2 requisite. Students electing this course are advised to take Physics 1 and 2.)

Tu., 3–6, Thu., Fri., 9.30, Chemical Laboratory, Professor Doughty, and Dr. Zinn.

Elective for Sophomores.

Fee, $10.00.

4. Qualitative analysis; reactions and detection of the common metallic and acidic ions.

Two hours of class-room work and three hours laboratory work each week.

(Chemistry 1, 2, and 3 requisite.)

Tu., 3–6, Thu., Fri., 9.30, Chemical Laboratory, Professor Doughty, and Dr. Zinn.

Elective for Sophomores.
Fee, $10.00 each semester.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Six hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)
Mon., 2–4, Wed., Thu., 10.30–12.20, Chemical Laboratory, DR. ZINN.
Elective for Juniors.
Fee, $10.00 each semester.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Three hours class-room work and three hours laboratory work each week.
(Chemistry, 1 2, 3, and 4 requisite.)
Mon., 2–6, Wed., Thu., 10.30, Chemical Laboratory, PROFESSOR DOUGHTY.
Elective for Juniors.
Fee, $10.00 each semester.

The following courses are offered for the benefit of students who intend to undertake graduate work in chemistry. They may be taken only by men properly qualified and with the permission of the instructor.

A. Advanced volumetric analysis. Calibration of apparatus; preparation of standard solutions; determination of hydrogen ion concentration by indicators and by hydrogen electrode, leading up to and including modern methods of water analysis.

One semester, PROFESSOR HOPKINS.
Fee, $10.00.

B. Advanced organic preparations. Preparation and study of typical compounds, involving more difficult manipulation than those studied in courses 7–8.

Two semesters, PROFESSOR DOUGHTY.
Fee, $10.00 each semester.

C. Organic analysis. Determination of carbon, hydrogen, nitrogen, sulphur and halogens in organic compounds.

One semester, PROFESSOR DOUGHTY.
Fee, $10.00.

D. Advanced quantitative analysis. Including rock analysis, gas analysis and electro-deposition of metals.

Two semesters, DR. ZINN.
Fee, $10.00 each semester.

The work in each of these courses consists of a minimum of nine hours a week in the laboratory, with assigned reading, conferences and examinations. A year's work can be made up of combinations of these courses, on a semester basis, by consent of the department.

ECONOMICS

1, 2. Outlines of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 5, PROFESSOR CROOK.
Tu., 2, Thu., Fri., 8.35, Chapel 4, PROFESSOR HAMILTON.
Elective for Juniors.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.
Elective for Seniors.

5. Social control of industrial activity.

(Economics 1 and 2 requisite.)
Tu., Sat., 10.30, Wed., 3, Chapel 4, PROFESSOR HAMILTON.
Elective for Seniors.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.
Elective for Seniors.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)
(Omitted in 1915–1916.)
Elective for Seniors.

The department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

In Economics and Political Science a senior course in either subject may be associated with the requisite number of courses in the other, in order to complete a major, or to satisfy the requirement for final honors.

English

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; five plays of Shakespeare, essays of Carlyle and Stevenson, poems of Burns and Tennyson; themes and reports.

A. Tu., Thu., Sat., 11.30, Williston 1, Professor Utter.
B. Tu., 2, Thu., Fri., 8.35, Walker 8, Professor Young.
C. Tu., 3, Thu., Fri., 9.30, Walker 8, Professor Whicher.
D. Mon., Wed., 9.30, Fri., 3, Walker 8, Professor Churchill.
E. Tu., Thu., Sat., 11.30, Walker 8, Professor Whicher.
Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the nineteenth century.

A. Mon., Fri., 10.30, Wed., 2, Williston 1, Professor Young.
B. Tu., Sat., 10.30, Wed., 3, Williston 1, Professor Utter.
C. Tu., Sat., 10.30, Wed., 3, Walker 8, Professor Whicher.
Elective for Sophomores.

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker, 7 Professor Genung.
Elective for Juniors.

9, 10. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Fri., 10.30, Wed., 2, Walker 7, PROFESSOR CHURCHILL.
Elective for Juniors.

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

PROFESSOR CHURCHILL.
(Omitted in 1915–1916.)
Elective for Juniors.

13, 14. The English Novel; its form and development.

Mon., 2, Wed., Thu., 10.30, Williston 1, PROFESSOR UTTER.
Elective for Juniors.

15, 16. An extensive reading of modern drama beginning with Ibsen.

Mon., 2, Wed., Thu., 10.30, Walker 7, PROFESSOR YOUNG.
Elective for Juniors.

17, 18. Advanced Composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., Sat., 9.30, Thu., 3, 2 North College, PROFESSOR UTTER.

19, 20. The Theory of Poetry: its nature and elements; its forms and modes. Critical study of poems as illustrations and examples.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)
Thu., Fri., 9.30, Tu., 3, Walker 13, PROFESSOR CHURCHILL.
Elective for Seniors.

21. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of Old English.

PROFESSOR CHURCHILL.
(Omitted in 1915–1916.)
Elective for Juniors.

22. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales;* lectures on the history of Middle English and its development into Modern English; Sweet's *Second Middle English Primer.*

PROFESSOR CHURCHILL.
(Omitted in 1915–1916.)
Elective for Juniors.

23. Old English Literature. This course is given in alternate years with the linguistic course, 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

PROFESSOR CHURCHILL.
(Omitted in 1915–1916.)
Elective for Juniors.

24. Middle English Literature. This course is given in alternate years with 22. Special attention is paid to Middle English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

PROFESSOR CHURCHILL.
(Omitted in 1915–1916.)
Elective for Juniors.

GEOLOGY

1. Structural and dynamical geology and physiography.

Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.
Elective for Juniors.

2. Historical geology, paleontology.

For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.
Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.
Elective for Juniors.

3. Field and laboratory geology.

(Geology 1 and 2 requisite.)
Two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.
Hours arranged at the convenience of the instructors and students.
Geological Laboratory, PROFESSOR EMERSON and MR. WHIPPLE.
Elective for Seniors.

4. Mineralogy continued until the weather allows field work, when a survey will be made of an area of rocks in the Holyoke Range.

(Geology 1 and 2 requisite.)
Two full afternoons a week.
Hours arranged at the convenience of the instructors and students.
Geological Laboratory, PROFESSOR EMERSON and MR. WHIPPLE.
Elective for Seniors.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)
Hours arranged at the convenience of the instructor and students.
Geological Laboratory, PROFESSOR EMERSON and MR. WHIPPLE.
Elective for Seniors.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)
Hours arranged at the convenience of the instructor and students.
Geological Laboratory, PROFESSOR EMERSON.
Elective for Seniors.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)
Hours arranged at the convenience of the instructor and students.
Geological Laboratory, PROFESSOR EMERSON.
Elective for Seniors.

GERMAN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections.

Mon., Fri., 10.30, Wed., 2, Barrett 3, PROFESSOR EASTMAN.

2. Continuation of 1.

Mon., Fri., 10.30, Wed., 2, Barrett 4, PROFESSOR MANTHEY-ZORN.
1 and 2 are equivalent to entrance German A.

3, 4. Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

A. Mon., Wed., 9.30, Fri., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.
B. Tu., 3, Thu., Fri., 9.30, Barrett 4, PROFESSOR MANTHEY-ZORN.

5a. Goethe's dramas; lectures and essays.

Tu., 2, Thu., Fri., 8.35, Barrett 3, PROFESSOR EASTMAN.

5b. The German drama of the nineteenth century; Kleist, Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

A. Tu., 2, Thu., Fri., 8.35, Barrett 3, PROFESSOR EASTMAN.
B. Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

7, 8. The German novel of the nineteenth century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, PROFESSOR EASTMAN.
Elective for Sophomores.

9, 10. Modern German drama.

PROFESSOR MANTHEY-ZORN.
(Omitted in 1915–1916.)
Courses 7, 8 are given alternate years with courses 9, 10.
Elective for Sophomores.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

Tu., Thu., Sat., 11.30, Professor Eastman.
Elective for Juniors.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.
Hours arranged at the convenience of instructor and students.
Professor Eastman.
Elective for Juniors.

Greek

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Fri., 8.35, Chapel 1, Professor Elwell.
Elective for Freshmen.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Greek A, B and C are given to three or more students on application.
To obtain credit for a year course, those who complete Greek C should take Greek 2.
Tu., 3, Thu., Fri., 9.30, Chapel 1, Professor Elwell.
Elective for Freshmen.

1. Homer, *Odyssey.*
2. Plato; *Apology* and *Crito.*

Tu., 3, Thur., Fri., 9.30, Williston 3, Professor Smith.
Elective for Freshmen.

3. Introduction to Greek tragedy. Euripides, *Iphigenia in Tauris,* Sophocles, *Oedipus Rex;* lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

4. Aristotle; *Ethics;* or Marcus Aurelius Antoninus: *To Himself.*

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.
Elective for Sophomores.

5. Greek historians: Herodotus or Thucydides.

Mon., Wed., 8.35, Fri., 2, Chapel 1, PROFESSOR ELWELL.
Elective for Juniors.

6. The New Testament: Acts of the Apostles.

Mon., Wed., 8.35, Fri., 2, Chapel 1, PROFESSOR ELWELL.
Elective for Sophomores.

7. The later Greek poets: Theocritus, Bion, Moschus; the Greek Anthology.

PROFESSOR SMITH.
(Omitted 1915–1916.)
Elective for Juniors.

8. Greek drama: Aeschylus, Aristophanes and Menander.

PROFESSOR SMITH.
(Omitted 1915–1916.)
Elective for Juniors.

9. Greek Literature; Poetry; Selections; lectures.

Tu., 2, Thu., Fri., 8.35, Williston 3, PROFESSOR SMITH.
Elective for Juniors.

10. Greek Literature; Prose; Selections; lectures.

Tu., 2, Thu., Fri., 8.35, Williston 3, PROFESSOR SMITH.
Elective for Juniors.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 8, PROFESSOR THOMPSON.
Elective for Sophomores.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 8, Professor Thompson.
Elective for Sophomores.

3. English history, 1066–1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

5. American history, 1492–1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Professor Gallinger.
(Omitted 1915–1916.)
Elective for Juniors.

6. American history, 1750–1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Professor Gallinger.
(Omitted 1915–1916.)
Elective for Juniors.

9. European history, 1648–1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Mon., Wed., 8.35, Fri., 2, Walker 12, Professor Gallinger.
Elective for Juniors.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and Germany; social and industrial progress; the expansion of Europe.

Mon., Wed., 8.35, Fri., 2, Walker 12, PROFESSOR GALLINGER.
Elective for Juniors.

11. Political and constitutional history of the United States to the election of Jackson, 1783–1828.

Tu., 2, Thu., Fri., 8.35, Walker 14, PROFESSOR THOMPSON.
Elective for Seniors.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri., 8.35, Walker 14, PROFESSOR THOMPSON.
Elective for Seniors.

HYGIENE AND PHYSICAL EDUCATION

1, 2. Personal hygiene, lectures on fundamental laws affecting health. Physical exercise, in the form of (A) Athletics, Gymnastics and Dancing, or (B) Aquatics.

Freshmen unable to swim are required to take (B).
Mon., Wed., Fri., 11.30, Gymnasium or Hitchcock Field.

3, 4. Physical exercises in the form of (A) Athletics, Gymnastics and Dancing, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).
Tu., Thu., Sat., 11.30, Gymnasium or Hitchcock Field.

5, 6. Physical exercise, in the form of Athletics, Gymnastics and Dancing.

Tu., Thu., Fri., 4, Gymnasium or Hitchcock Field.

LATIN

1. Cicero, *De Senectute* or *De Amicitia:* Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes:* Ovid, *Metamorphoses.*

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, Professor Bennett.
B. Tu., Sat., 8.35, Thu., 2, Chapel 6, Professor Litchfield.
C. Mon., Wed., 9.30, Fri., 3, Chapel 2, Professor Bennett.
D. Tu., Thu., Sat., 11.30, Chapel 6, Professor Litchfield.
E. Mon., 2, Wed., Thu., 10.30, Chapel 6, Professor Litchfield.
F. Tu., 3, Thu., Fri., 9.30, Williston 4, Professor Cowles.
Elective for Freshmen.

3. Plautus, *Trinummus;* Terence, *Adelphœ*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania.* Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

A. Tu., Sat., 8.35, Thu., 2, Williston 4, Professor Cowles.
B. Tu., Sat., 9.30, Thu., 3, Williston 4, Professor Cowles.
C. Tu., Sat., 9.30, Thu., 3, Chapel 2, Professor Bennett.
Elective for Sophomores.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

Tu., 3, Thu., Fri., 9.30, Chapel 6, Professor Litchfield.
Elective for Juniors.

6. Prose writers of the Silver Age: Tacitus, Quintilian, Seneca.

Tu., 3, Thu., Fri., 9.30, Chapel 6, Professor Litchfield.
Elective for Juniors.

7. Lucretius. Criticism and interpretation of the *De Rerum Natura*, with emphasis on the philosophic content.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR BENNETT.
Elective for Juniors.

8. Vergil, *Æneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR BENNETT.
Elective for Juniors.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Those who at entrance have presented credit for Mathematics B, D, and F are not required to take Mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who have presented one point credit in advanced Mathematics are required to take a year of Mathematics in college and should elect Mathematics 11 and 2.

Those who have presented ½ point credit in advanced Mathematics are required to complete Mathematics 1 and 2.

A. Tu., Sat., 9.30, Mon., 4, Thu., 3, Walker 2, PROFESSOR COBB.
B. Tu., Sat., 8.35, Mon., 3, Thu., 2, Walker 5, PROFESSOR ESTY.
C. Tu., Sat., 10.30, Mon., Wed., 3, Walker 5, PROFESSORS OLDS and ESTY.
D. Tu., Sat., 8.35, Mon., 3, Thu., 2, Walker 2, PROFESSOR COBB.
E. Tu., Sat., 10.30, Mon., 4, Wed., 3, Walker 2, PROFESSOR PARKER.
Required Course for Freshmen.

3. Analytical geometry continued; introduction to calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSOR OLDS.
Elective for Sophomores.

4. Differential and integral calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSOR OLDS.
Elective for Sophomores.

5. Calculus continued; introduction to differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Olds.
Elective for Juniors.

6. Vector analysis, with special applications to analytical mechanics.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.
Elective for Juniors.

7. Analytical mechanics; differential equations.

Mon., Wed., 9.30, Fri., 3, Walker 2, Professor Esty.
Elective for Seniors.

8. Advanced analytical geometry and advanced integral calculus.

Course 10 is given alternate years with Course 8.
Professor Olds.
(Omitted 1915–1916.)
Elective for Seniors.

10. Introduction to the theory of functions.

Mon., Wed., 9.30, Fri., 3, Walker 2, Professor Cobb.
Elective for Seniors.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of descriptive geometry, drawing and lettering.

(Solid geometry requisite.)
Three class-room exercises and six hours of drawing per week.
Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.
Elective for Freshmen.

12. Advanced descriptive geometry and drawing.

(11 requisite.)
Three class-room exercises and six hours of drawing per week.
Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.
Elective for Freshmen.

13. Descriptive geometry of warped surfaces and perspective drawing.

(11, 12 requisite.)
Nine hours per week arranged at the convenience of the instructor and students.
Walker 11, PROFESSOR PARKER.
Elective for Sophomores.

14. Mechanical drawing; shades and shadows.

(11 requisite.)
Nine hours per week arranged at the convenience of the instructor and students.
Walker 11, PROFESSOR PARKER.
Elective for Freshmen.

MUSIC

1, 2. Theory of music; harmony.

Mon., Wed., 11.30, Music Room, PROFESSOR BIGELOW.
(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.00.)
Elective for Sophomores.

3, 4. The art of music, its development and forms; appreciation of masterpieces.

Chorus and orchestra as above. (1, 2 not prerequisite.)
Mon., Wed., 8.35, PROFESSOR BIGELOW.
Elective for Sophomores.

5, 6. The music dramas of Richard Wagner. *Die Meistersinger, Der Ring des Nibelungen, Parsifal,* etc., as time may permit.

This course may be used to complete a major in either Music or German.
Pianos and a large orchestrelle are placed at the disposal of students taking these courses.
Tu., Thu., Sat., 11.30, Music Room, PROFESSOR BIGELOW.
Elective for Juniors.

7, 8. Chorus and orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.00, PROFESSOR BIGELOW.

During the college year 1915–1916 the two oratorios *Messiah* and *Creation* will be given by the combined choruses and orchestras of Amherst and Smith Colleges.

Two rehearsals, amounting to an average of three hours a week are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a required subject or in a major or a minor. Special registration at the Octagon is required for Courses 7 and 8.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

PHILOSOPHY

1. Logic. A study of the aims and methods of thinking.

Tu., 2, Thu., Fri., 8.35, Walker 8, PROFESSOR MEIKLEJOHN and MR. AYRES.
Elective for Sophomores.

2. Ethics. A study of the nature and significance of conduct.

Tu., 2, Thu., Fri., 8.35, Walker 10, PROFESSOR NEWLIN.
Elective for Sophomores.

3. General psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Wed., 9.30, Fri., 3, Walker 10, PROFESSOR TOLL.
Elective for Juniors.

4. Advanced psychology. A detailed study of some of the problems and theories of modern psychology.

Mon., Wed., 9.30, Fri., 3, Walker 10, PROFESSOR TOLL.
Elective for Juniors.

5. History of ancient philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, PROFESSOR NEWLIN.
Elective for Juniors.

6. History of modern philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, PROFESSOR TOLL.
Elective for Juniors.

7, 8. Philosophy. Political ethics, involving a critical study of the basis of sovereignty and of State, of the fundamental social relationships, and of their manifestations in the fields of government, business, philanthropy, etc.; aesthetics; and the philosophy of religion. During the second semester students of high rank will be permitted, subject to the instructor's approval, to do special work in the study of some current social problems in the light of philosophical principles.

1, 2 or 5, 6 requisite.
Mon., 2, Wed., Thu., 10.30, Walker 10, PROFESSOR NEWLIN.
Elective for Seniors.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON and WESTHAFER.
Elective for Sophomores (see note, p. 57).
Fee, $5.00 each semester.

Students who are credited with courses 1 and 2 may choose either Course 3 followed by 4, 6 or 8, or Course 5 followed by 4 or 6.

3. Diffraction and polarized light, heat and elementary thermodynamics.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR KIMBALL.
Elective for Juniors.
Fee, $7.00.

4. Electricity, magnetism, and electrical measurements.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR J. O. THOMPSON.
Elective for Juniors.
Fee, $7.00.

5. Dynamo-electric machinery, and theory of alternating currents of electricity.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR J. O. THOMPSON.
Elective for Juniors.
Fee, $7.00.

6. Electric discharge through gases; radioactivity and electric waves.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR KIMBALL.
Elective for Juniors.
Fee, $7.00.

8. Thermodynamics applied to problems in physical chemistry.

Appointments arranged at convenience of the instructor and the class.
Physical Laboratory, PROFESSOR WESTHAFER.
Elective for Juniors.

9, 10. Advanced laboratory work, with reports and abstracts upon special topics, open, subject to the approval of the instructor, to those who have completed four semesters in physics. Six hours laboratory work each week.

Three laboratory periods of two to three hours every week.

Appointments arranged at the convenience of the instructor and the class.
Physical Laboratory, PROFESSOR KIMBALL.
Elective for Seniors.
Fee, $7.00 each semester.

POLITICAL SCIENCE

1. American national government. A discussion of the historical background of the federal Constitution and of political issues in the United States and an analysis of the organization and functions of the federal government. Especial attention is given to the actual working of the federal system and to the position of the United States in foreign affairs.

Tu., Sat., 9.30, Thu., 3, Walker 12, PROFESSOR GETTELL.
Elective for Juniors.

2. American state and local government. A discussion of the relation of the American commonwealths to one another and to the Union, and of the organization and functions of government in American commonwealths, in our dependencies, in rural local units, and in cities. Especial attention is given to present conditions and problems in municipal government.

Tu., Sat., 9.30, Thu., 3, Walker 12, PROFESSOR GETTELL.
Elective for Juniors.

3. Principles of political science. An examination of the fundamental nature of the state, of government, sovereignty, liberty and law; a consideration of the relation of state to individual and of state to state, and a classification of states and governments.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GETTELL.
Elective for Seniors.

4. Comparative European government. A comparative study of the organization and actual working of govern-

ment in the leading states of Europe. Especial attention is given to England, France, Germany, Switzerland, and Austria-Hungary.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GETTELL.
Elective for Seniors.

6. Development of political theory. A seminar course dealing with the development of political thought, as expressed in the writings of political theorists and in actual political institutions. Attention will be given to the relation of political thought to the economic and philosophical theories of the times.

In political science and economics a Senior course in either subject may be associated with the requisite number of courses in the other, in order to complete a major, or to satisfy the requirement for final honors.

(Political Science 3 requisite.)
Tu., Sat., 10.30, Wed., 3, Walker 12, PROFESSOR GETTELL.
Elective for Seniors.

PUBLIC SPEAKING

2. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Chapel 7, PROFESSOR CORSA.
Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, PROFESSOR CORSA.
Required of all Sophomores.

5, 6. Lectures; examples for praxis; fundamentals of oral expression; oral interpretation; orations; argumentation in debates; discussion; speeches.

Tu., Sat., 8.35, Thu., 2, Chapel 7, PROFESSOR CORSA.
Elective for Juniors.

This course ends May 1st. To count for the degree, Courses 5 and 6 must be supplemented by Course 7, which must be taken as an extra course in Senior year.

7. Debates on social, economic, historical, and political questions.

(5, 6 requisite.)
Tu., 4, Chapel 7, PROFESSOR CORSA.
Elective for Seniors.
This is a one-hour course continuing till the end of the first semester. It may count for a degree only when taken as an extra course in combination with Courses 5 and 6.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation. *Equivalent to entrance French A.*

A. Tu., 2, Thu., Fri., 8.35, Barrett 7, PROFESSOR STOWELL.
B. Mon., 2, Wed., Thu., 10.30, Barrett 7, PROFESSOR STOWELL.
Elective for Freshmen.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation. *Equivalent to entrance French B.*

A. Tu., 3, Thu., Fri., 9.30, Barrett 7, PROFESSOR STOWELL.
B. Tu., Sat., 8.35, Thu., 2, Barrett 8, PROFESSOR LANCASTER.
Elective for Freshmen.

5, 6. French Classics of the seventeenth, eighteenth and nineteenth centuries.

A. Tu., Sat., 9.30, Thu., 3, Barrett 8, PROFESSOR LANCASTER.
B. Tu., Sat., 10.30, Wed., 3, Barrett 8, PROFESSOR LANCASTER.
Elective for Freshmen.

7, 8. The Novel.

(5 and 6 requisite.)
Mon., Fri., 10.30, Wed., 2, Barrett 8, PROFESSOR STOWELL.
Elective for Sophomores.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.)
Tu., Thu., Sat., 11.30, Sprague-Smith Room, Library, PROFESSOR LANCASTER.
Elective for Juniors.

10. The Contemporary Novel.

(9 requisite.)
Hours arranged at the convenience of the instructor and students.
Sprague-Smith Room, Library, PROFESSOR STOWELL.
Elective for Juniors.

11, 12. Literary Monuments of Old and Modern French.

Given on application of three or more students who have completed 9, 10 with a mark of 80 per cent or higher.
PROFESSORS LANCASTER AND STOWELL.
(Omitted 1915–1916.)
Elective for Seniors.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

Tu., Sat., 9.30, Thu., 3, Barrett, 6, PROFESSOR CHILD.
Elective for Sophomores.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

PROFESSOR BAXTER.
(Omitted 1915–1916.)
Elective for Juniors.

5, 6. Dante, *Divina Commedia* (Scartazzini); lectures on Dante; the literature of the Renaissance.

Tu., 4, Wed., Thu., 10.30, Barrett 6, PROFESSOR CHILD.
Elective for Juniors.

SPANISH

1, 2. Pronunciation, grammar, composition, translation.

These courses may not be taken in the same year with Italian 1, 2.
Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR CHILD.
Elective for Sophomores.

3, 4. Reading of modern novels, review of grammar, composition.

Tu., 3, Thu., Fri., 9.30, Barrett 6, PROFESSOR CHILD.
Elective for Juniors.

SOCIAL AND ECONOMIC INSTITUTIONS

1. A study of social and political institutions and problems intended to serve as an introduction to courses in History and Political Science.

Mon., 2, Wed., Thu., 10.30, Walker 12, PROFESSOR GETTELL and MR. AYRES.
Elective for Freshmen only.

2. A study of social and economic institutions and problems intended to serve as an introduction to courses in Economics and Philosophy.

Mon., 2, Wed., Thu., 10.30, Chapel 4, PROFESSOR HAMILTON and MR. AYRES.
Elective for Freshmen only.

LIST OF ELECTIVES

A course scheduled as an elective for one class is open to members of any higher class.

	Freshmen	*Sophomores*	*Juniors*	*Seniors*
Art	....	....	1, 2	....
Astronomy	....	....	1, 2	4
Biblical Literature	....	....	1, 2, 3, 4	....
Biology	1, 2	3, 4, 5, 6, 7, 8	9, 10, 11, 12	....
Chemistry	1, 2	3,4	5, 6, 7, 8	....
Economics	....	....	1, 2	3, 5, 8, 10
English	....	5, 6	7–16, 21–24	17–20
French	1–6	7, 8	9,10	11, 12
Geology	....	....	1, 2	3–8
German	1–6	7–10	11, 12	....
Greek	A, B, C, 1, 2	3, 4, 6	5, 7, 8, 9, 10	....
History	....	1, 2	3–10	11, 12
Italian	....	1, 2	3–6	....
Latin	1, 2	3, 4	5–8	....
Mathematics	11, 12, 14	3, 4, 13	5, 6	7–10
Music	7, 8	1, 2, 3, 4	5, 6	....
Philosophy	....	1, 2	3–6	7, 8
Physics	†1, 2	....	3–8	9,10
Political Science	....	....	1, 2	3, 4, 6
Public Speaking	....	....	5, 6	7
*Social and Economic Institutions	1, 2	....	....	....
Spanish	....	1, 2	3, 4	....

*For Freshmen only. †See footnote, page 57.

LECTURESHIPS

The Henry Ward Beecher Lectureship

This lectureship was founded by Frank L. Babbott, M.A., of the Class of 1878 in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social and Economic Sciences.

The Clyde Fitch Fund

Of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

William Brewster Clark Memorial Lectureship

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M.D., of the Class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the college in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

ADMINISTRATION

TERMS AND VACATIONS

The academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of eight days, and a Summer Vacation of thirteen weeks. Commencement Day is the Wednesday before the last Wednesday in June. Courses of study are arranged by semesters, or half years, of eighteen weeks each.

ADVISERS

Immediately upon entering college, every Freshman is required to submit his list of studies to the Registrar for approval. In the course of the year a member of the Faculty will be assigned as his adviser, and the student will be expected to consult him as to his course in general, and upon any other subject related to his college life whenever he feels the need.

ATTENDANCE AT COLLEGE EXERCISES

The officer in general charge of matters concerning attendance on college exercises is the Dean of the Faculty.

Attendance at class exercises is administered subject to the general regulation that a student is allowed in every course a number of absences which may not exceed one-tenth of the number of exercises in that course.

In case he exceeds this allowance, he incurs a penalty of reduction in grade for the first offence, and for a second offence exclusion from the course for the remainder of the semester.

All students are required to be present at the chapel exercises conducted by the President each week-day morning at

quarter past eight o'clock in Johnson Chapel. At the Sunday service, held every Sunday in term time at a quarter before eleven o'clock in the College Church, all students not excused to attend elsewhere are required to be present. A communion service is held in the College Church three times during the year. Absences from chapel exercises are allowed upon an average of one a week for each semester; from the Sunday services, four absences are allowed each semester. Any student, on application to the Dean, may be excused from attending services at the College Church, in order to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

HEALTH AND PHYSICAL DEVELOPMENT

The officer in general charge of supervision of student health and physical development is the Head of the Department of Physical Education.

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes until the spring recess. A limited number of students are excused from attendance at gymnasium classes while they are actively training for one of the athletic teams of the college.

During the autumn the prescribed work is taken outdoors at Hitchcock Field.

In the natatorium instruction in swimming is given.

Every student who on entering College cannot swim is required to learn during the first year, and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, as shown by statistics systematically kept for more than fifty years, are eminently satisfactory.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

The College has an infirmary (see p. 98) for the treatment of illness or disabling accidents among the students. It is in charge of the College Physician in all matters except treatment, for which any student is at liberty to employ a physician of his own choice. The arrangements provide surgical appliances for emergency cases, and isolation and treatment of infectious diseases. The matron, a graduate nurse, is ready at all hours during term time to relieve ill or disabled students, and to provide for their necessities pending any arrangements for special treatment.

Every case of illness, whether the student goes to the infirmary or not, must be immediately reported to the College Physician.

SCHEDULES, RECORDS, AND REPORTS

The officer in charge of records and reports is the Registrar of the College.

For the convenience of members of the College there is provided a printed schedule of all class exercises, a synopsis of courses for use when the election of studies is being made, and a set of rules and requirements that relate to the internal life of the College. These, together with copies of the Annual Catalogue, may be obtained at the Registrar's office.

Every student, upon admission to College, is given an

Undergraduate Course Book, containing the rules and requirements of the College and space for his record in College. This course book is returned to the Registrar twice a year for additional records and verification.

Reports of standing are made after each semester by the Registrar. Rank in each subject is reported as follows:

A, 90–100 per cent; B, 80–89 per cent; C, 70–79 per cent. D, 60–69 per cent; E, 50–59 per cent; F, below 50 per cent. The passing grade in all departments is 60 per cent.

The average grade for each semester and the general average for all semesters are reported on the percentage basis.

EXPENSES

All communications concerning tuition, fees, and rental of rooms should be made to the Treasurer of the College.

Tuition

The charge for tuition is one hundred and forty dollars a year, of which eighty dollars is required in advance at the beginning of the first semester, and sixty dollars at the beginning of the second semester. This includes use of the library and gymnasium, and all ordinary incidentals.

Every member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

Laboratory Fees

The following fees are charged in connection with the laboratory courses in Biology, Chemistry, and Physics:

Biology	First year, each semester	$3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00

Chemistry	First year, first semester	$5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester	10.00
Physics	First year, each semester	5.00
	Second and third years, each semester	7.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

Rooms and Board

The dormitories of the College accommodate about two hundred students, and the fraternity houses about two hundred and fifty.

The arrangement of rooms in the dormitories is such that they may be rented singly or in suites consisting of a study and either one or two bedrooms. All rooms are heated with steam and lighted with electricity, and most of them are provided with open fireplaces.

Plans showing the arrangement of rooms in the various dormitories, together with a detailed statement of prices, may be obtained from the Treasurer of the College.

A student who is occupying a dormitory room is allowed until the first Monday in May to engage the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental

is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the autumn term opens.

The prices charged for rooms include heat, water, and care by janitors. Electricity used in the rooms is paid for by the occupants at the close of each term. The range of prices, irrespective of the number of occupants, is as follows:

Single rooms from $55 to $95 a year.
Study and one bedroom from $100 to $180 a year.
Study and two bedrooms from $200 to $225 a year.

Rooms may also be rented in private houses.

Board is furnished at various places in the town at prices which range from five dollars and a half to seven dollars a week.

Summary

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership in student organizations, and incidentals:

Tuition	$140.00	$140.00	$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00

Board thirty-six weeks	198.00	216.00	252.00
Fuel and light	10.00	15.00	25.00
	$400.50	$446.00	$559.50

For the use of the College Infirmary (see p. 94), each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the Class of 1844, and one in memory of Rev. Thomas P. Field, D.D., of the Class of 1834.

HONORS

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

The Bond Fifteen for 1915

*Walter Raymond Agard
George Leon Cutton
Gardner Pettee Eastman
Louis Franklin Eaton
Everett Webb Fuller
Phillips Foster Greene
Stuart Franklin Heinritz
*Charles Hamilton Houston
Robert Andrew McCague
*Sidney Raymond Packard
Hollis Winslow Plimpton
Homer Morgan Smith
*James Kellum Smith
*Joseph Lyons Snider
Edward Alfred Van Valkenburgh

The Bond Prize was awarded in 1915 to Walter Raymond Agard.

THE PHI BETA KAPPA SOCIETY

Those who, at the end of the second term of Junior year, have attained a grade of 88 per cent. are entitled to nomination by the Faculty to membership in the Phi Beta Kappa Society; such nomination is open also to those who, at the end of the second term of the Senior year, have attained a grade of 85 per cent. For the current year, those who, at the end of their Junior year, attained a grade of 85 per cent, were, on recommendation of the Faculty, elected members of the society.

* Selected by competition as Commencement Speakers.

Phi Beta Kappa 1915

President: Professor John M. Tyler, ph.d.
Corresponding Secretary: Professor Levi H. Elwell, m.a.
Recording Secretary: Humphrey F. Redfield.

First Drawing, Class of 1916

William Goodwin Avirett
Eugene Stinson
Humphrey Fuller Redfield

Second Drawing, Class of 1916

Tony Barone
Julius Seelye Bixler
Lewis Mansfield Knapp
Wilbur Clark Knowlton
Robert Matthews Proctor
Robert Williams Smith

Second Drawing, Class of 1915

Kenneth Whittemore Banta
Gardner Pettee Eastman
Everett Webb Fuller
Phillips Foster Greene
Charles Hamilton Houston
Robert Andrew McCague
William Henry Mandrey
George Keyes Ripley
Homer Morgan Smith
James Kellum Smith
Joseph Lyons Snider
Edward Alfred Van Valkenburgh
George Deming Whitmore

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete at least four advanced semester courses in connection with two of which special work of collateral reading or investigation must be done. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 per cent in all studies of the college course; an average standing of not less than 75 per cent in each study of Senior year, and of 90 per cent in the

last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

The names of successful candidates are announced at Commencement and in the annual catalogue.

Final Honors 1914–1915

Francis Wesley Blair	*Chemistry*
Walter Raymond Agard	*English*
Charles Hamilton Houston	*English*
William Henry Mandrey	*History*
Sidney Raymond Packard	*History*
Louis Franklin Eaton	*Philosophy*

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

(1) There must be a standing of not less than 75 per cent in every department for the year.

(2) An average of 93 per cent must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Honorable Mention

1914–1915

Astronomy

1915 Homer Morgan Smith

Biblical Literature

1915 Arthur Henry Elliot
1915 Harold Chase Many
1915 William Henry Mandrey
1916 Humphrey Fuller Redfield

Biology

1915 Leslie Tillotson Webster
1918 Carter Lyman Goodrich
1918 Alvin Emerson Harris

Chemistry

1915 Everett Webb Fuller
1916 Wilbur Clark Knowlton
1917 Harold Addison Smith
1916 Tony Barone
1917 Morris Albert Copeland
1918 David Daniel Bixler
1918 William Henry Michener

Economics

1915 Sidney Raymond Packard
1916 Robert Williams Smith

English

1915 Walter Raymond Agard
1916 Eugene Stinson
1918 Charles Chanin
1918 Theodore Meyer Greene
1916 Robert Williams Smith
1917 Edward Merrill Root
1918 Carter Lyman Goodrich
1918 Allan Frederic Saunders

French

1915 Sidney Raymond Packard

German

1915 Sidney Raymond Packard
1915 Stuart Franklin Heinritz
1916 Eugene Stinson
1917 Norman Rhode Lemcke

Greek

1915 Walter Raymond Agard
1917 Hilmar Ernst Rauschenbusch
1916 Scott Milross Buchanan
1917 Morris Albert Copeland
1918 Sigourney Thayer

History

1915 Maurice Scott Bulger
1915 John Merriman Gaus
1915 William Henry Mandrey
1915 Arthur Hoyt Washburn
1915 Gardner Pettee Eastman
1915 Wilson Macdonald
1915 Sidney Raymond Packard
1915 Hollis Winslow Plimpton
1916 William Goodwin Avirett
1916 Humphrey Fuller Redfield
1917 Hilmar Ernst Rauschenbusch

Latin

1915 Harold Chase Many
1917 George Everett Baril
1917 Harold Addison Smith
1918 Alvin Emerson Harris
1916 Robert Williams Smith
1917 Edward Merrill Root
1918 Carter Lyman Goodrich
1918 Harold F. Johnson
1918 William Henry Michener

Mathematics

1915 John Clifford Hayner
1915 James Kellum Smith
1917 Paul Alexander Jenkins
1918 Roger Edward Bednarski
1918 Alvin Emerson Harris
1915 Homer Morgan Smith
1917 Elbridge Alvah Goodhue
1917 Harold Addison Smith
1918 Carter Lyman Goodrich
1918 William Henry Michener
1918 Allan Frederic Saunders

Music

1915 James Kellum Smith
1916 Eugene Stinson

Philosophy

1915 Gardner Pettee Eastman
1917 Morris Albert Copeland

Physics

1915 Hollis Winslow Plimpton
1917 Charles James Jessup
1915 Edward Alfred VanValkenburgh
1917 Harold Addison Smith

Romance Language

1915 Edward Alfred VanValkenburgh
1916 Robert Williams Smith
1917 Edward Merrill Root

FELLOWSHIPS

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the

incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of about five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

PRIZES

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study:

ENGLISH

THE ARMSTRONG PRIZES, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1915: first prize to Carter Lyman Goodrich; second prize to Theodore Meyer Greene; third prize to Allan Frederic Saunders, of the Class of 1918.

THE HAGEN PRIZE IN ENGLISH LITERATURE, of fifty dollars, given by Winston H. Hagen, of the Class of 1879. For the year 1915–1916 the prize will be assigned for the best work in the English course, 9 and 10, together with the best examination upon the comedies of Congreve.

Awarded in 1915, to Douglas Clark Stearns of the Class of 1916.

THE FOLGER PRIZES, of one hundred, fifty, and twenty-five dollars, given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class. For the year 1915–1916 the subject assigned is "A Critical Comparison of *Richard III* and *Macbeth*.

Awarded in 1915: first prize to Wilson Macdonald of the Class of 1915; second prize to Gardner Pettee Eastman of the Class of 1915.

THE MITRE PRIZES for imaginative writing. Offered annually through *The Mitre*, a literary organization of the college, by F. Prentice Abbot, Jr., of the Class of 1911. They include various sums for a novelette, one-act play, short story, verse, etc. Detailed announcement of these prizes is made at the beginning of each college year.

Awarded in 1915: $25 for short story, Stuart Franklin Heinritz of the Class of 1915, with honorable mention to Francis Robert Otte of the Class of 1916; $20 for verse, Thomas Boston Munro of the Class of 1916, with honorable mention to Edward Merrill Root of the Class of 1917; $15 for familiar essay, Edward Merrill Root of the Class of 1917, with honorable mention to Walter Raymond Agard of the Class of 1915.

GREEK

THE HUTCHINS PRIZE, of fifty dollars, given by the late Waldo Hutchins of the Class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Awarded in 1915–1916 to Scott Milross Buchanan of the Class of 1916.

LATIN

THE BERTRAM PRIZES, of fifty dollars each, given by the late John Bertram of Salem. For the year 1915–1916, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Æneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

In 1915 the first prize was divided equally between Harold Chase Many of the Class of 1915 and William Gates, Jr., of the Class of 1916.

The second prize was awarded to Harold Chase Many of the Class of 1915.

TWO JUNIOR PRIZES, of thirty dollars each. For the year 1915–1916 one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1915 to Homans Robinson of the Class of 1916 and Henry Walter Barnes, Jr., of the Class of 1916.

THE BILLINGS PRIZES, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1915 the sum of thirty dollars was awarded to Edward Merrill Root of the Class of 1917 and twenty dollars to Robert Williams Smith of the Class of 1916.

THE FRESHMAN PRIZES, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award is determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1915: first prize to Carter Lyman Goodrich of the Class of 1918; second prize to Charles Chanin of the Class of 1918.

MATHEMATICS, PHYSICS, AND ASTRONOMY

THE WALKER PRIZES, given by the late William J. Walker of Newport, Rhode Island. Two prizes, of fifty and thirty dollars, in the mathematics of the first year.

Awarded in 1915: first prize to Carter Lyman Goodrich of the Class of 1918; second prize to Alvin Emerson Harris of the Class of 1918.

Two prizes of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1915: first prize to Elbridge Alvah Goodhue of the Class of 1917; second prize to Harmon Shove Boyd of the Class of 1917.

The award in each case is determined by an examination.

THE PORTER PRIZES, of twenty and of ten dollars for proficiency in first year physics and astronomy respectively, given by the late Eleazer Porter of Hadley.

In 1915 the prize in Physics was divided between Harold Addison Smith of the Class of 1917 and Edward Alfred Van Valkenburgh of the Class of 1915.

The prize in Astronomy was awarded to Homer Morgan Smith of the Class of 1915.

THE A. C. JAMES PRIZE, of fifty dollars, for proficiency in the study of navigation.

Awarded in 1915 to George Keyes Ripley of the Class of 1915.

A PRIZE OF THIRTY DOLLARS, given by a member of the Class of 1884, for proficiency in the second year's course in Physics.

Awarded in 1915 to Everett Webb Fuller of the Class of 1915; honorable mention to Harold Edmund Sawyer of the Class of 1916.

NATURAL SCIENCE

THE SHEPARD MINERALOGICAL PRIZES, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior Class in mineralogy.

THE SAWYER PRIZE, a gold medal of the value of fifty dollars, given

by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Divided in 1915 between Leslie Tillotson Webster of the Class of 1915 and Tony Barone of the Class of 1916.

The A. Lyman Williston Prizes in Physical Education, of seventy-five dollars, given by the late A. Lyman Williston of Northampton in memory of his friend, teacher and co-trustee of Mount Holyoke College and Williston Seminary, Dr. Edward Hitchcock. These prizes are continued by his son, Robert L. Williston.

To the two members of the Freshman class who attain the highest rank in the course on personal hygiene, fifteen and ten dollars.

Awarded in 1915: first prize to Charles Chanin of the Class of 1918; second prize to Carter Lyman Goodrich of the Class of 1918.

To the two members of the Junior Class who, in the opinion of the department, have profited most from their three years' work in the Department of Hygiene and Physical Education, thirty and twenty dollars.

Awarded in 1915: first prize to Alfred Hamlin Washburn of the Class of 1916; second prize to George Homer Lane of the Class of 1916.

A Scholarship of Fifty Dollars at the Woods Hole Marine Laboratory given annually by the Phi Delta Theta Fraternity to that student who has shown the greatest proficiency in Biology.

Awarded in 1915 to Leslie Tillotson Webster of the Class of 1915.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1915 to Leonard Page Moore of the Class of 1919, who prepared for College at the East Orange, N. J., High School, with honorable mention to Charles Scott Porter of the Class of 1919, who prepared for College at the Northampton High School.

PUBLIC SPEAKING

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class,

given by the late Rufus B. Kellogg, of the Class of 1858 for excellence in declamation.

Awarded in 1915 to Irving Lewis Spear of the Class of 1917, and Harry Shepro of the Class of 1918.

THE HARDY PRIZES, of thirty and twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1915: first prize to Joseph Lyons Snider of the Class of 1915; second prize to Walter Raymond Agard of the Class of 1915.

THE HYDE PRIZE, of one hundred dollars and a bronze relief of Lincoln, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior Class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1915 to Walter Raymond Agard of the Class of 1915.

THE BOND PRIZE, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

Awarded in 1915 to Walter Raymond Agard of the Class of 1915.

THE CLASS-OF-1884 ORATORICAL PRIZE, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

Awarded in 1915 to John Uhrich Reber of the Class of 1916.

THE ROGERS PRIZE, of seventy dollars in books, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Awarded in 1914 to Julius Seelye Bixler, William Cole Esty, 2d, Francis Robert Otte, John Uhrich Reber, Humphrey Fuller Redfield, George Winslow Washburn, of the Class of 1916.

OTHER PRIZES

THE LADD PRIZES, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be used in connection with the annual exhibition of heavy gymnastics.

THE WOODS PRIZE, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement; also a bronze plaque with the inscription Pro Singulari Merito, given by the Class of 1894. This prize is awarded at the conclusion of the course.

Awarded in 1915 to Walter Raymond Agard of the Class of 1915.

THE DANTE PRIZE, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or grad-

uate of not more than three year's standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to the rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

THE CLASS-OF-1884 PRIZE, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1915 to the Class of 1915.

SCHOLARSHIPS AND BENEFICIARY AID

The officer directly in charge of the administration of scholarships and beneficiary aid is the President of the College.

The beneficiary funds of the College aggregate three hundred and fifty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90% to 100%), of the second grade, to students whose average standing is B (80% to 89%); of the third grade, to students whose average standing is C (70% to 79%). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70% shall be maintained. Those who intend to enter the Christian ministry are awarded scholarships on the above conditions.

Awards are made from the income of the following funds:

THE CHARITABLE FUND, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

THE STONE EDUCATIONAL FUND, $25,000.

THE CLASS OF 1871 SCHOLARSHIP FUND, $25,000, established by a member of the Class.

THE MOORE BENEFICIARY FUND, $19,000, established by Rev. Zephaniah Swift Moore, D. D., first president of the college.

THE WILLIAM HILTON SCHOLARSHIP FUND, $22,500, the bequest of William Hilton of Boston.

THE WHITCOMB SCHOLARSHIP FUND, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

THE HITCHCOCK SCHOLARSHIP FUND, $11,000, established by Samuel A. Hitchcock of Brimfield.

THE JOHN E. SANFORD CLASS OF 1851 SCHOLARSHIP FUND, $10,000, established by John E. Sanford of Taunton.

THE EMERSON GAYLORD SCHOLARSHIP FUND, $6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

THE DAY BENEVOLENT FUND, $5000, the bequest of Moses Day of Boston.

THE SEYMOUR SCHOLARSHIP FUND, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Addison Brown Scholarship Fund, $5000, the bequest of Addison Brown of the Class of 1852, of New York. The Addison Brown Scholarship is awarded annually to that member of the Senior Class who, being already on the scholarship list, shall have attained the highest standing in the studies of the Freshman, Sophomore and Junior years.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucius J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

The Class of 1861 Scholarship Fund, $3000, established by the Class.

The Class of 1878 Scholarship Fund, $3000, established by the Class.

The Class of 1880 Scholarship Fund, $3000, established by the Class.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Charles Merriam Scholarship Fund, $2400, established by Charles Merriam of Springfield.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class of 1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class of 1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

THE ANDERSON SCHOLARSHIP FUND, $2000, the bequest of Samuel Augustus Borden of Boston.

THE W. EUGENE KIMBALL SCHOLARSHIP FUND, $2000, established by Robert J. Kimball of Brooklyn, N. Y.

THE MORSE SCHOLARSHIP FUND, $2000, established by Charles L. Morse of the Class of 1901.

THE DRAPER SCHOLARSHIP FUND, $2000, established by Warren F. Draper of the Class of 1847.

THE ALEXANDER H. BULLOCK SCHOLARSHIP FUND, $1500, established by Alexander H. Bullock of the Class of 1836.

THE CLASS OF 1836 SCHOLARSHIP FUND, $1500, established by the Class.

THE CLASS OF 1853 SCHOLARSHIP FUND, $1500, established by the Class.

THE CLASS OF 1871 SCHOLARSHIP FUND, $1500, established by the Class.

THE CLASS OF 1855 SCHOLARSHIP FUND, $1100, established by the Class.

THE CLASS OF 1826 SCHOLARSHIP FUND, $500, established by two members of the Class.

Scholarship funds of $1000 each as follows:

THE LEVI RUSSELL SCHOLARSHIP FUND, established by Levi Russell of Hadley.

THE TUTTLE SCHOLARSHIP FUND, the bequest of Mrs. Sarah Tuttle of Wayland.

THE GEORGE COOK SCHOLARSHIP FUND, established by George Cook of the Class of 1841.

THE ENOS DICKINSON SCHOLARSHIP FUND, established by Enos Dickinson of Amherst.

THE JOHN C. NEWTON SCHOLARSHIP FUND, established by John C. Newton of Worcester.

THE JAMES H. NEWTON SCHOLARSHIP FUND, established by James H. Newton of Holyoke.

THE JOHNSON CLASS OF 1823 SCHOLARSHIP FUND, established by A. J. Johnson of New York City.

THE SOUTHWORTH CLASS OF 1822 SCHOLARSHIP FUND, established by Wells Southworth of New Haven, Connecticut.

THE JOSEPH CAREW SCHOLARSHIP FUND, established by Joseph Carew of South Hadley.

THE GREGORY CLASS OF 1850 SCHOLARSHIP FUND, established by Hon. James J. H. Gregory of Marblehead.

THE DOLLY COLEMAN BLAKE SCHOLARSHIP FUND, the bequest of Dolly Coleman Blake of Boston.

THE MILLER SCHOLARSHIP FUND, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

THE GREEN SCHOLARSHIP FUND, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

THE THOMAS HALE SCHOLARSHIP FUND, established by Mrs. Alice T. March of Newburyport.

THE MARY W. HYDE SCHOLARSHIP FUND, the bequest of Mary W. Hyde of Boston.

THE SARAH B. HYDE SCHOLARSHIP FUND, the bequest of Sarah B. Hyde of Boston.

THE W. S. TYLER, CLASS OF 1830 SCHOLARSHIP FUND, the bequest of Professor William Seymour Tyler of Amherst.

THE CLASS SCHOLARSHIP FUND, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1853
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

THE COMPOSITE FUND, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

THE EMILY B. RIPLEY SCHOLARSHIP FUND, the bequest of Emily B. Ripley of Royalston.

THE JOHN C. KIMBALL CLASS OF 1854 FUND, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

THE STATE SCHOLARSHIPS, three, covering full tuition.

THE ADAMS SCHOLARSHIPS, three of $40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years

after graduation. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students of thorough scholarship whose habits of expenditure are economical.

The committee on student loans meets weekly for the consideration of applications. Application blanks may be obtained at the Treasurer's office. It is the policy of the committee not to make any loan until at least one semester of the college course has been completed.

BUILDINGS AND GROUNDS

SITUATION

The town of Amherst lies in the Connecticut Valley about one hundred miles west of Boston, and almost the same distance north of New Haven, on the eastern border of the valley, some four miles from the river. The College stands on the top of a hill with an outlook over the town and the valley, westward to the distant Berkshire and Hampshire hills, southward to the Holyoke Range, eastward to the Pelham Hills, and northerly to Mount Toby and Sugar Loaf. From any building and from most points on the grounds there is a broad outlook over beautiful scenery. Most of the buildings are on the hill, grouped about the Campus. On the other side of Pleasant Street, the main thoroughfare of the town, are the Library, College Hall, and the President's House. About five minutes' walk from the Campus are the Observatory, Pratt Field, and Pratt Skating Rink. The Pratt Health Cottage is farther away, on the northern edge of the town.

BUILDINGS AND EQUIPMENT

The buildings about the Campus are the dormitories, laboratories, chapel, church, gymnasium, and the buildings used for class-rooms and administrative offices. Walker Hall, which is the focus of most of the paths on the grounds, contains the offices of the Dean, the Secretary, the Treasurer, and the Registrar, and many class-rooms. Barrett Hall has class-rooms for German and Romance languages; Williston Hall for Latin, Greek, and English. Other class-rooms are in the Chapel building, the Octagon, and the laboratory buildings.

The Henry T. Morgan Library contains about a hundred and ten thousand books, freely available to students. The reading room has foreign and American periodicals, reference books, and books temporarily reserved for the use of the students in the various courses.

Fayerweather Laboratory houses the departments of Physics and Chemistry. In the south wing the Department of Physics has a large lecture room with apparatus room adjoining, library and reading room, recitation room, laboratories for elementary experimental work, for work in electricity and for research, a balance room, dark rooms for photographic and for general work, an optical room, and a spectroscope room equipped with a concave grating spectroscope. In the basement are battery rooms, a room for special researches, a workshop and dynamo room with steam and water power. In the north wing of the building, the Department of Chemistry has general lecture and recitation rooms, a library and reading room, laboratories for general, analytical and organic chemistry, and also a complete equipment for water and gas analysis.

The biological and geological laboratories occupy a large new building on the south side of the Campus, commanding a wide and varied view which affords ready illustrations of many geological phenomena. Besides lecture and class-rooms, laboratories and work rooms, the building contains the museums of the two departments. In the biology museum are the Adams collection of shells, a part of Audubon's celebrated collection of birds, a synoptic collection of the animal kingdom, and a collection of fossil vertebrates. The geology museum has the Woods cabinet, which contains about twenty-five thousand specimens of minerals, including the general American and European collections, the State Survey collections of New Hampshire, Vermont, Massachusetts and Connecticut, and the Shepard

meteorite collection. In other rooms are shown the Hitchcock Ichnological collection of some twenty thousand tracks of animals in stone, and casts of living and extinct species. Appleton Cabinet contains the anthropological collection, and an unusually complete and interesting collection of Indian relics.

The Observatory has two domes, the larger of which, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The smaller has a seven and one-fourth inch refractor. The equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The Chapel and the College Church stand respectively on the west and the east borders of the Campus. Morning exercises are held in the Chapel on week-days, and regular Sunday services in the Church.

The Octagon is used exclusively by the Department of Music. It has rooms arranged for classes, practice, and chorus and orchestra rehearsal. A grand piano and an Aeolian orchestrelle are provided for use in classes, and by students for purposes of study.

North and South Colleges, and Morris Pratt Memorial Dormitory, are the college dormitories. The two former are two of the oldest, and the latter one of the newest, of the college buildings. All three buildings are heated by steam and lighted by electricity. Most of the rooms have open fire-places, and all have hardwood floors. Morris Pratt Memorial Dormitory is of fire-proof construction throughout, and has a large and beautiful resort room on the first floor. The dormitories have single rooms and suites consisting of a study and one or two bedrooms.

College Hall is a large, old-fashioned building, once the village church, now the main assembly hall of the College.

It is used for the Commencement exercises, and for all the larger gatherings, such as student mass-meetings, and public lectures.

The Mather Art Museum occupies the third floor of Williston Hall, and the vestibule and stairway leading to it. It consists of plaster casts, principally of Egyptian, Mycenaean, Greek, and Roman sculpture, with a number of examples of Renaissance and later sculpture, both in relief and in the round. Further resources for the study of art are found in the library, and in some of the class-rooms. In addition to the catalogued books and photographs, the library has in the vestibule several Assyrian slabs, with inscriptions in cuneiform characters, which were obtained by the late Henry Lobdell, D.D., of the Class of 1849, from the walls of the palace of Assurnazirpal at Nimroud. The Latin and Greek rooms in Williston Hall have many casts in bronze and plaster, as well as collections of photographs, engravings, and stereopticon slides.

The Pratt Gymnasium contains, in the main building, the large hall with ample space and equipment of apparatus for general and specialized exercises, the offices of the Department of Physical Education, a fencing and wrestling room, bowling alleys, a sparring room, and a baseball cage. A wing known as the Pratt Natatorium contains a swimming-pool seventy-five feet long and twenty-two feet wide, and large and small squash-racquet courts.

Hitchcock Memorial Field, named in honor of Dr. Edward Hitchcock, '49, adjoins the Gymnasium, It has about forty acres as exercising ground for the entire College. It has at present six tennis courts, two basket ball courts, a board running track, a baseball diamond, and two soccer fields. When fully developed the field will accommodate at one time about three hundred men for different forms of exercise. About one sixth of the field

has been developed, and the rest is being completed as fast as funds are forthcoming.

Pratt Field, given to the College by Frederic B. Pratt of the Class of 1887, has an area of about thirteen acres, and is used chiefly for intercollegiate games. It has a quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and has dressing-rooms and shower-baths for contestants.

Pratt Skating Rink, given to the College by Charles M. Pratt of the Class of 1879, adjoins Pratt Field. It has an area of 200 x 115 feet for ice skating, and a bungalow equipped with heating apparatus and lockers.

Pratt Health Cottage is the college infirmary. It stands on high ground north of the College, commanding a wide view in every direction. Its space and equipment are sufficient for the accommodation and care of students temporarily disabled by accident or disease.

SUMMARY OF BUILDINGS

WITH THE NAMES OF THE DONORS AND DATES OF ERECTION

South College, built in 1820, restored in 1892.

Johnson Chapel, built in 1827, named in honor of the chief donor, Adam Johnson of Pelham.

North College, built in 1828, restored in 1893.

The Octagon, built in 1847, and remodeled in 1909, formerly called Lawrence Observatory and Woods Cabinet, named in honor of the donors, Hon. Abbott Lawrence of Boston and Hon. Josiah B. Woods of Enfield.

Henry T. Morgan Library, built in 1853 with funds received from the estate of Henry T. Morgan of New York.

APPLETON CABINET, built in 1855 with funds received from the estate of Samuel Appleton of Boston.

WILLISTON HALL, built in 1857, named in honor of the donor, Hon. Samuel Williston of Easthampton.

BARRETT HALL, formerly Barrett Gymnasium, the first college gymnasium in the country, built in 1860, remodeled in 1907 with funds received from the estate of Edward A. Strong, '55, named in honor of the chief donor, Dr. Benjamin Barrett of Northampton.

COLLEGE HALL, purchased by the College in 1867, remodeled in 1905 by the Class of 1884.

WALKER HALL, built in 1868, rebuilt in 1882, named in honor of the original donor, Dr. William J. Walker of Providence.

COLLEGE CHURCH, built in 1870, given by William F. Stearns of Boston.

PRATT GYMNASIUM, built in 1884, named in honor of the principal donor, Charles M. Pratt, '79. In the gymnasium are the natatorium, the gift of Harold I. Pratt, '00, and squash-racquet courts, the gift of Mortimer L. Schiff, '96.

HITCHCOCK HALL, purchased for the College in 1892 by D. Willis James of New York, named in honor of Dr. Edward Hitchcock, '49.

FAYERWEATHER LABORATORIES, built in 1893 with funds received from the estate of Daniel B. Fayerweather of New York.

PRATT HEALTH COTTAGE, built in 1897, named in honor of the donors, George D. Pratt, '93, Herbert L. Pratt, '95, and John T. Pratt, '96.

THE OBSERVATORY, built in 1904.

BIOLOGICAL AND GEOLOGICAL LABORATORIES, built in 1909.

MORRIS PRATT MEMORIAL DORMITORY, built in 1912 by Mr. and Mrs. Charles M. Pratt as a memorial to their son, Morris Pratt.

PUBLICATIONS

The annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

A *Handbook*, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in November, February, May, and August. It contains articles of educational value, news of the Alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editors should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

ENROLLMENT

GRADUATE STUDENTS

Agard, Walter Raymond, B.A. 1915 *Austin, Tex.*
109 Morris Pratt Memorial Dormitory

Rand, Frank Prentice, B.A. (Williams 1912) *Worcester, Mass.*
24 Pleasant Street

Snider, Joseph Lyons, B.A. 1915 *Uniontown, Pa.*
109 Morris Pratt Memorial Dormitory

SENIOR CLASS

Allen, Frederick Crosby	*Auburndale, Mass.*	Κ Θ House
Ames, Charles Burton	*Montclair, N. J.*	Χ Ψ Lodge
Anderson, Robert Jeffrey	*Clinton, Mass.*	Σ Δ Ρ House
Andrews, Edward Deming	*Pittsfield, Mass.*	Δ Τ House
Ashley, Thomas Williams	*Deerfield, Mass.*	Α Δ Φ House
Avirett, William Goodwin	*Brooklyn, N. Y.*	Α Δ Φ House
Baker, Walton Chamberlain	*Springfield, Mass.*	Θ Δ Χ House
Barnes, Henry Walter, Jr.	*Plymouth, Mass.*	Θ Δ Χ House
Barone, Tony	*North Collins, N. Y.*	Chemical Laboratory
Bixler, Julius Seelye	*New London, Conn.*	Α Δ Φ House
Boynton, Merrill Holmes	*Bristol, R. I.*	Ψ Τ House
Brown, Charles Henry	*Chicago, Ill.*	Α Δ Φ House
Buchanan, Scott Milross	*Pittsfield, Mass.*	Δ Τ House
Chandler, Hazen Atherton	*Montpelier, Vt.*	Δ Κ Ε House
Chapman, William Gilger	*Russell, Pa.*	Φ Δ Θ House
Clark, Franklin Stetson	*North Amherst, Mass.*	Θ Δ Χ House
Conant, Hezekiah Nelson	*Pawtucket, R. I.*	Ψ Τ House
Dayton, Theodore Read	*Georgetown, Conn.*	Δ Τ House
Dent, Francis Morse	*Washington, D. C.*	4 North College
Douglas, Lewis Williams	*Douglas, Ariz.*	Α Δ Φ House
Edwards, Theodore Caldwell	*Brooklyn, N. Y.*	Β Θ Π House
Ferguson, Eralsey Clark	*Brookline, Mass.*	Φ Δ Θ House
Gail, George Philip Landmann	*Roland Park, Md.*	212 Morris Pratt Memorial Dormitory

Gillett, Robert Swift	*Hartford, Conn.*	A Δ Φ House
Gillies, Harold Lusk	*Nyack, N. Y.*	Ψ Υ House
Gilligan, James Tierney	*Holyoke, Mass.*	
Goodridge, Edwin Harrison	*Fitchburg, Mass.*	Φ K Ψ House
Greene, Paul Stevens	*Boston, Mass.*	
	203 Morris Pratt Memorial Dormitory	
Hardy, Donald Egbert	*Amherst, Mass.*	X Φ House
Heavens, Howard Joseph	*Plymouth, Mass.*	Σ Δ P House
Hitchcock, Charles Hanchett	*Chittenango, N. Y.*	Φ K Ψ House
Hughes, Percy Meredith, Jr.	*Syracuse, N. Y.*	Ψ Υ House
Jenkins, John Maxey	*Montrose, Pa.*	B Θ Π House
Johnson, Herbert Gale	*Amherst, Mass.*	K Θ House
Jones, Marshall Walker	*Winchester, Mass.*	Φ K Ψ House
Keeney, George Nelson	*New London, Conn.*	Θ Δ X House
Knapp, Lewis Mansfield	*Groton, Mass.*	Δ Υ House
Knowlton, Wilbur Clark	*Kirkwood, Mo.*	B Θ Π House
Lane, George Homer	*West Hartford, Conn.*	A Δ Φ House
Leonard, Wallace Minot, Jr.	*Newton Highlands, Mass.*	Δ K E House
Lutkins, Edwin Henry	*Hackensack, N. J.*	K Θ House
McCloy, John Snader	*Philadelphia, Pa.*	B Θ Π House
Mansfield, Ralph Leslie	*Fishkill, N. Y.*	Φ Γ Δ House
Marks, Alan David	*New York, N. Y.*	
	304 Morris Pratt Memorial Dormitory	
Marshall, Donald Earle	*Amherst, Mass.*	4 Nutting Avenue
Meredith, Lawrence Cornelius	*Boulder, Colo.*	Φ Δ Θ House
Milne, Douglas Duncan	*Scarsdale, N. Y.*	Ψ Υ House
Neiley, Geoffrey Cooke	*Winchester, Mass.*	Ψ Υ House
Otte, Francis Robert	*Grand Rapids, Mich.*	Ψ Υ House
Park, Robert Hodges	*Taunton, Mass.*	B Θ Π House
Peck, Charles Baldwin, Jr.	*Rochester, N. Y.*	Ψ Υ House
Proctor, Robert Matthews	*Corning, N. Y.*	Physical Laboratory
Reber, John Uhrich	*Reading, Pa.*	Ψ Υ House
Redfield, Humphrey Fuller	*Brooklyn, N. Y.*	A Δ Φ House
Rider, Stuart Williams	*Auburndale, Mass.*	A Δ Φ House
Robinson, Homans	*Springfield, Mass.*	Δ K E House
Sawyer, Edmund Ellis	*Hackensack, N. J.*	K Θ House
Sawyer, Harold Edmund	*South Harwich, Mass.*	
		Physical Laboratory
Seamans, Elton Henry	*Springfield, Mass.*	Φ Γ Δ House
Shaw, Leo Nelson	*Auburn, N. Y.*	Θ Δ X House
Smith, Robert Williams	*Lakeside, Ohio*	B Θ Π House

Smith, Winthrop Hiram	*South Hadley Falls, Mass.*	212 Morris Pratt Memorial Dormitory
Stearns, Douglas Clark	*Norfolk, Conn.*	X Ψ Lodge
Stevenson, David	*Gilmanton, N. H.*	15 Lincoln Avenue
Stiles, Wayne Peffers	*Amherst, Mass.*	Φ K Ψ House
Stinson, Eugene	*Evansville, Ind.*	Φ K Ψ House
Tow, William Howard	*New York, N. Y.*	Α Δ Φ House
Ver Nooy, Lester Carlton	*Cortland, N. Y.*	Φ K Ψ House
Washburn, Alfred Hamlin	*Boston, Mass.*	Δ Υ House
Washburn, George Winslow	*Brockton, Mass.*	X Φ House
Weeden, Charles Foster, Jr.	*Dorchester, Mass.*	Α Δ Φ House
Whetstone, Lambert Frye	*Germantown, Pa.*	Α Δ Φ House
White, Arthur Platt	*Corning, N. Y.*	K Θ House
Wood, Lee Blair	*Corry, Pa.*	Φ K Ψ House
Young, Burbank Chase	*Rochester, N. Y.*	X Ψ Lodge
Young, Laurence Henry	*Bloomington, Ill.*	202 Morris Pratt Memorial Dormitory
Young, Malcolm Oakman	*North Hanover, Mass.*	210 Morris Pratt Memorial Dormitory

JUNIOR CLASS

Anthony, Henry Franklin	*Providence, R. I.*	Φ Δ Θ House
Baer, Bernard Louis	*New York, N. Y.*	201 Morris Pratt Memorial Dormitory
Baily, George Irving	*Brooklyn, N. Y.*	Β Θ Π House
Baker, Myers Elliott	*Great Neck, N. Y.*	Κ Θ House
Ball, Ralph Blackmarr	*Corning, N. Y.*	Χ Ψ Lodge
Banta, Henry Hyde	*Syracuse, N. Y.*	15 Amity Street
Baril, George Everett	*Holyoke, Mass.*	Σ Δ Ρ House
Bartholomew, Charles Henry	*Binghamton, N. Y.*	Δ Κ Ε House
Bell, Carlton Leroy	*Amherst, Mass.*	2 College Street
Bell, Frederick Drake	*New York, N. Y.*	Δ Υ House
Blair, Earle Franklin	*Amherst, Mass.*	12 Northampton Road
Boyd, Harmon Shove	*Woodbury, Conn.*	Κ Θ House
Bristol, Ralph Buffum	*Glen Ridge, N. J.*	Δ Υ House
Brown, Osborn Whitney	*Ben Avon, Pa.*	Φ Δ Θ House
Carpenter, Kenneth deForest	*Brooklyn, N. Y.*	Ψ Υ House
Clark, John Dodge	*Brooklyn, N. Y.*	Θ Δ Χ House
Clark, Lloyd Montgomery	*Boston, Mass.*	Φ Κ Ψ House
Clarke, Arthur Merriam	*Wellesley, Mass.*	Κ Θ House
Cochrane, Craig Parsons	*Rochester, N. Y.*	Χ Ψ Lodge
Copeland, Morris Albert	*Rochester, N. Y.*	110 Morris Pratt Memorial Dormitory
Craig, David Rankin, Jr.	*Boston, Mass.*	Α Δ Φ House
D'Ooge, Benjamin Stanton	*Ypsilanti, Mich.*	Ψ Υ House
Downer, Ernest Page	*Montrose, Pa.*	2 College Street
Eisner, Mortimer	*Newark, N. J.*	201 Morris Pratt Memorial Dormitory
Fillman, Henry Ingerton	*New York, N. Y.*	401 Morris Pratt Memorial Dormitory
Fisher, Robert Miller	*Indiana, Pa.*	Φ Κ Ψ House
Fraker, Walter Potter	*Duluth, Minn.*	Α Δ Φ House
Gazley, John Gerow	*White Plains, N. Y.*	Φ Κ Ψ House
Glann, James Everett	*Cortland, N. Y.*	407 Morris Pratt Memorial Dormitory
Goodhue, Elbridge Alvah	*Haydenville, Mass.*	2 College Street
Goodrich, Sheldon Burnett	*Taunton, Mass.*	Β Θ Π House
Hale, David Clendon	*Cambridge, Mass.*	Χ Φ House
Hawkins, James Alexander	*Springfield, Mass.*	Σ Δ Ρ House

Hinman, George	*St. Johnsbury, Vt.*	Δ K E House
Hobart, Richard Townley	*Upper Montclair, N. J.*	B Θ Π House
Howard, Samuel Anton, Jr.	*Rutland, Vt.*	X Ψ Lodge
Ivimey, Theodore	*New York, N. Y.*	Δ Υ House
Jenkins, Paul Alexander	*Chicago, Ill.*	B Θ Π House
Jessup, Charles James	*Brooklyn, N. Y.*	Φ Δ Θ House
Johnson, Brooks Elmo	*New Rochelle, N. Y.*	X Ψ Lodge
Jones, Chandler Tracy	*East Orleans, Mass.*	K Θ House
Kambour, Theodore	*Plymouth, N. H.*	Σ Δ P House
Kimball, Bradford Fisher	*Amherst, Mass.*	25 Woodside Avenue
Kohout, Harry Joseph	*Amherst, Mass.*	3 Parsons Street
Loomis, Edward Francis	*Haydenville, Mass.*	Θ Δ X House
Loomis, William Fitch	*Bedford, Mass.*	Θ Δ X House
Low, Carroll Blakely	*Brooklyn, N. Y.*	X Ψ Lodge
McGarrahan, John Cooley	*Cohoes, N. Y.*	B Θ Π House
McGowan, Charles Batchelor	*Steubenville, Ohio*	X Φ House
McGowan, Royal Edmund	*Youngstown, N. Y.*	311 Morris Pratt Memorial Dormitory
Maloney, Edward James	*Amherst, Mass.*	Σ Δ P House
Marks, Eric Henry	*New York, N. Y.*	304 Morris Pratt Memorial Dormitory
Marks, Frederic Bliss	*Kenwood, N. Y.*	Δ K E House
Marples, Edward Stuart	*Evanston, Ill.*	X Ψ Lodge
Mason, Alfred DeWitt	*Brooklyn, N. Y.*	X Ψ Lodge
Masten, Richard Leopold	*Portland, Ore.*	Θ Δ X House
Maurer, Keith Langdon	*Northampton, Mass.*	Φ Δ Θ House
Maynard, Charles Edgar	*Northampton, Mass.*	Φ K Ψ House
Melcher, Herbert Henry	*Mt. Vernon, N. Y.*	X Ψ Lodge
Metcalf, Robert Drayton	*Norwood, Mass.*	K Θ House
Middleton, Robert Avery	*Utica, N. Y.*	X Φ House
Miller, William Melbourne	*Croton-on-Hudson, N. Y.*	Θ Δ X House
Moginot, Francis Louis	*St. Louis, Mo.*	3 Northampton Road
Morse, Edward Wilson	*Worcester, Mass.*	Φ Γ Δ House
Munroe, Robert	*Oakmont, Pa.*	Ψ Υ House
Nelligan, Thomas Hayes	*Amherst, Mass.*	11 Sunset Avenue
Norton, Cyril Francis	*Northampton, Mass.*	Δ Υ House
Perkins, Roger Conant	*Manchester, Vt.*	Φ K Ψ House
Pettee, Herbert Bachellor	*Providence, R. I.*	Λ Δ Φ House
Plough, Paul Harwood	*New York, N. Y.*	Δ Υ House
Rauschenbusch, Hilmar Ernst	*Rochester, N. Y.*	Λ Δ Φ House
Robinson, Hayden Dutton	*Brownsville, Pa.*	Ψ Υ House

Rome, Gardiner Harbrouck	*Brooklyn, N. Y.*	Δ K E House
Romer, Alfred Sherwood	*Brooklyn, N. Y.*	Φ K Ψ House
Root, Edward Merrill	*Somerville, Mass.*	Σ Δ P House
Ross, Raymond Thomas	*Crawfordsville, Ind.*	Δ K E House
Sanders, Frank Knight, Jr.	*Yonkers, N. Y.*	X Ψ Lodge
Scandrett, Jay Johnson Morrow	*Pittsburgh, Pa.*	B Θ Π House
Schmid, Herbert William	*Providence, R. I.*	A Δ Φ House
Shumway, Eric	*Brooklyn, N. Y.*	Σ Δ P House
Sibley, Walcott Ellis	*Wellesley Hills, Mass.*	X Φ House
Sleeper, Frank MacDonald	*Wellesley, Mass.*	B Θ Π House
Smith, Harold Addison	*W. Springfield, Mass.*	K Θ House
Spear, Irving Lewis	*Amherst, Mass.*	8 Dickinson Street
Stark, Whitney Williams	*Brooklyn, N. Y.*	A Δ Φ House
Swett, Jesse Freeman	*Brookline, Mass.*	Φ Δ Θ House
Tehan, William Henry	*Auburn, N. Y.*	15 Amity Street
Temple, Donald Edward	*Greenfield, Mass.*	Φ K Ψ House
Vaughn, Herbert Getty	*Fort Ann, N. Y.*	Φ Γ Δ House
Vielbig, Joseph Frederick	*Brooklyn, N. Y.*	Mount Doma
Wadhams, Robert Wiltsie	*Pittsford, N. Y.*	X Ψ Lodge
Wells, Henry Willis	*New York, N. Y.*	Φ Δ Θ House
Whitcomb, John Leonard	*Brockton, Mass.*	B Θ Π House
Widmayer, Theodore Lewis, Jr.	*New York, N. Y.*	15 Amity Street
Williams, Palmer Champney	*Taunton, Mass.*	B Θ Π House
Witney, William Reilly	*Philadelphia, Pa.*	Φ Γ Δ House
Woodward, Rufus Stanley, Jr.	*Worcester, Mass.*	Δ K E House

SOPHOMORE CLASS

Aiello, Gaetano Rudolph	*Hoboken, N. J.*	Σ Δ P House
Arnold, Philip Rhodes	*Providence, R. I.*	Φ Δ Θ House
Atkinson, Arthur Thomas	*Mt. Holly, N. J.*	15 Amity Street
Bailey, Albert Ware	*Worcester, Mass.*	Θ Δ X House
Barber, Kenneth Wareham	*Windsor, Conn.*	Φ K Ψ House
Bednarski, Roger Edward	*South Deerfield, Mass.*	Φ K Ψ House
Bemis, Raymond Guilford	*Brookline, Mass.*	Λ Δ Φ House
Bennet, Augustus Witschief	*New York, N. Y.*	Ψ Υ House
Benneyan, George	*White Plains, N. Y.*	411 Morris Pratt Memorial Dormitory
Bentley, Raymond Palm	*Brookline, Mass.*	X Φ House
Billings, Dwight Brinkerhoff	*Amherst, Mass.*	Ψ Υ House
Bixler, David Daniel	*Hanover, Pa.*	Ψ Υ House
Blair, Roy Richardson	*Amherst, Mass.*	12 Northampton Road
Bogart, Frank E., Jr.	*Detroit, Mich.*	Ψ Υ House
Brackett, Roger Arnold	*Brattleboro, Vt.*	Ψ Υ House
Brainerd, John Bliss, Jr.	*Brookline, Mass.*	X Ψ Lodge
Bratt, Charles Henry	*Grand Rapids, Mich.*	Δ Υ House
Breed, Philip Munro	*Lynn, Mass.*	X Φ Annex
Brinkerhoff, Robert Joris	*Springfield, Mass.*	Δ K E House
Butler, Franklin Coit	*Providence, R. I.*	X Φ Annex
Chanin, Charles	*Dorchester, Mass.*	205 Morris Pratt Memorial Dormitory
Chapman, Charles Wesley, Jr.	*Waterloo, Ia.*	Φ Δ Θ House
Chase, Paul Addison	*Brattleboro, Vt.*	101 Morris Pratt Memorial Dormitory
Churukian, Vahan Ardashes	*Amherst, Mass.*	31 Lincoln Avenue
Cornell, George Washington, Jr.	*Brooklyn, N. Y.*	Φ Γ Δ House
Cross, Gorham Lamont	*Utica, N. Y.*	Λ Δ Φ House
Durham, Charles Henry, Jr.	*Schenectady, N. Y.*	307 Morris Pratt Memorial Dormitory
Ellinwood, Ralph Everett	*Bisbee, Ariz.*	Λ Δ Φ House
Elwood, John Worden	*Rochester, N. Y.*	Ψ Υ House
Estey, Jacob Poor	*Brattleboro, Vt.*	101 Morris Pratt Memorial Dormitory
Evans, James Baxter	*Columbus, Ohio*	Λ Δ Φ House
Garrett, John B.	*Boston, Mass.*	1 North College
Gillies, John Sinclair	*Brooklyn, N. Y.*	Φ Γ Δ House

Godwin, Richard Kenneth	*Amherst, Mass.*	5 Dana Street
Goodrich, Carter Lyman	*Taunton, Mass.*	Β Θ Π House
Greene, Edward Barrows	*Upper Montclair, N. J.*	Δ Υ House
Greene, Theodore Meyer	*Oberlin, Ohio*	Δ Υ House
Hall, Merwin Porter	*Brookline, Mass.*	Χ Ψ Lodge
Harris, Alvin Emerson	*Shelburne Falls, Mass.*	Κ Θ House
Haven, Alfred Coles, Jr.	*Lake Forest, Ill.*	Χ Ψ Lodge
Hobensack, Wilkins Carlisle	*Ivyland, Pa.*	Φ Δ Θ House
Houghton, Augustus Sherrill	*Tarrytown, N. Y.*	Θ Δ Χ House
Jackson, Gardner	*Colorado Springs, Colo.*	Φ Κ Ψ House
Johnson, Harold F.	*New York, N. Y.*	307 Morris Pratt Memorial Dormitory
Keezer, Dexter Merriam	*Denver, Colo.*	Φ Δ Θ House
Kelsey, Robert Pratt	*Newton Center, Mass.*	Χ Φ Annex
Kenyon, Owen Henry	*Adams, N. Y.*	Χ Φ House
Kessler, Don Hursh	*Fayetteville, N. Y.*	Φ Κ Ψ House
Ladd, Henry Andrews	*Portland, Ore.*	4 North Prospect Street
Macfarlane, William Duncan	*Albany, N. Y.*	Δ Κ Ε House
McGarrahan, Francis Carlisle	*Malone, N. Y.*	Β Θ Π House
Mathews, Frederic	*White Plains, N. Y.*	Δ Υ House
Matthews, Charles Smith	*Brooklyn, N. Y.*	Φ Γ Δ House
Meiklejohn, James Stuart	*Pawtucket, R. I.*	Α Δ Φ House
Michener, William Henry	*Waynesville, Ohio*	Κ Θ House
Moore, Murray Stuart	*Hudson, Mass.*	Β Θ Π House
Morehouse, Andrew Richmond	*Oakwoods, N. C.*	Α Δ Φ House
Morehouse, Edward Ward	*Springfield, Mass.*	Α Δ Φ House
Myers, Ralph Willard	*Hyde Park, N. Y.*	Φ Δ Θ House
Norton, Curtis Lacy	*Suffern, N. Y.*	Χ Φ Annex
*Olmstead, Frank Thompson	*Norwood, Mass.*	Κ Θ House
Orrell, Burton	*Brooklyn, N. Y.*	Δ Κ Ε House
Parkhurst, Morrill Holden	*East Gloucester, Mass.*	111 Morris Pratt Memorial Dormitory
Parsons, Truxton Homans	*Waterford, N. Y.*	Δ Κ Ε House
Partenheimer, Joseph Everard	*Greenfield, Mass.*	Chemical Laboratory
Patton, Robert Ferry, Jr.	*Highland Park, Ill.*	Χ Φ House
Peabody, Walter Richardson	*Providence, R. I.*	Δ Υ House
Pieper, Clifford Emil	*Providence, R. I.*	Φ Δ Θ House
Pratt, Waldo Elliott, Jr.	*Wellesley Hills, Mass.*	Ψ Υ House
Prince, Leonard Morton	*Chicago, Ill.*	Ψ Υ House
Quill, John Henry	*North Brookfield, Mass.*	Σ Δ Ρ House

*Deceased.

Redmond, Daniel George	*Philadelphia, Pa.*	Φ Δ Θ House
Rogers, Rollin William	*Cohoes, N. Y.*	
	205 Morris Pratt Memorial Dormitory	
Rogers, William Garland	*Springfield, Mass.*	Λ Δ Φ House
Saunders, Allen Frederic	*Amherst, Mass.*	Pratt Cottage
Seamans, Chester Gladding	*Springfield, Mass.*	Φ Γ Δ House
See, Philip Hudson	*Brooklyn, N. Y.*	X Φ Annex
Shepro, Harry	*Holyoke, Mass.*	
Smith, Elmer Gillam	*Port Jefferson, N. Y.*	Θ Δ X House
Stimson, Horace Pottle	*Northampton, Mass.*	
Stitt, William Britton	*New York, N. Y.*	Θ Δ X House
Taber, William Russell	*Auburn, N. Y.*	Θ Δ X House
Thayer, Lucius Ellsworth	*Portsmouth, N. H.*	Ψ Υ House
Thayer, Sigourney	*Southboro, Mass.*	Ψ Υ House
Thompson, William Ladd	*Lawrenceville, N. J.*	Δ K E House
Tooker, Winfred Clyde	*Riverhead, N. Y.*	Θ Δ X House
Traver, Clarence Hoffman	*Red Hook, N. Y.*	Λ Δ Φ House
Tylee, Arthur Francis	*Worcester, Mass.*	Θ Δ X House
Van Dyck, Rawdon Myers	*Newark, N. Y.*	Θ Δ X House
Warren, James Carey	*New Haven, Conn.*	Λ Δ Φ House
Washburn, William Crocker	*Salem, Mass.*	Δ K E House
Wheeler, Harry Fairchild	*Ocean Grove, N. J.*	Φ K Ψ House
White, Owen Sheppard	*New York, N. Y.*	Δ Υ House
Whiting, Edward Chapin	*Holyoke, Mass.*	3 Northampton Road
Williams, Morris Holliday	*Columbus, Ohio*	Ψ Υ House
Yerrall, William Wood	*Springfield, Mass.*	X Φ Annex
Young, Clifford John	*Elmira, N. Y.*	Λ Δ Φ House
Youtz, Philip Newell	*Auburn, N. Y.*	Δ Υ House

FRESHMAN CLASS

Ames, Lawrence Coffin	*Montclair, N. J.*	22 South College
Anderson, Merrill	*Exeter, N. H.*	309 Morris Pratt Memorial Dormitory
Bailey, Franklin Fifield	*Montpelier, Vt.*	305 Morris Pratt Memorial Dormitory
Baker, Ingham Chamberlain	*Springfield, Mass.*	21 North College
Ballou, Paul Holton	*Chester, Vt.*	312 Morris Pratt Memorial Dormitory
Banfield, Arthur Fiske	*Austin, Minn.*	10 South College
Bayer, Walter VanDyk	*Brooklyn, N. Y.*	404 Morris Pratt Memorial Dormitory
Belknap, Walter Kerr	*Newburgh, N. Y.*	9 North College
Bell, John Boyle	*Brooklyn, N. Y.*	29 South College
Blatchford, Charles Lord	*Oak Park, Ill.*	27 South College
Boone, George Thomas	*Salem, Ohio*	19 North College
Bowman, Morris Lester	*Jamestown, N. Y.*	26 South College
Boynton, Nehemiah, Jr.	*Brooklyn, N. Y.*	31 South College
Boynton, Oliver Griswold	*Bristol, R. I.*	16 South College
Brown, Hermon Duane, Jr.	*Sioux City, Iowa*	308 Morris Pratt Memorial Dormitory
Brown, John Knox Archibald	*Whitinsville, Mass.*	12 South College
Brunt, William Lester	*South Hadley, Mass.*	4 South College
Bull, Charles Beekman	*New York, N. Y.*	21 North College
Burnett, William Albert, Jr.	*Amherst, Mass.*	Sunset Avenue
Burr, Marcus Rodney	*Brooklyn, N. Y.*	13 South College
Cardinal, Roland Samuel	*Northampton, Mass.*	
Caulkins, Robert Sharp	*Cleveland, Ohio*	206 Morris Pratt Memorial Dormitory
Cavart, Alphonse Ernest	*Brooklyn, N. Y.*	21 South College
Chang, Alfred Yao-Chiang	*Hankow, China*	1 Woodside Avenue
Charlton, Earle Perry, Jr.	*Fall River, Mass.*	204 Morris Pratt Memorial Dormitory
Chase, Charles Robinson	*Petoskey, Mich.*	11 North College
Clarke, Richard Warner	*Utica, N. Y.*	8 South College
Colton, Raymond Morse	*Montpelier, Vt.*	15 Amity Street
Cotton, John Rowell	*Chicago, Ill.*	17 North College
Cummings, William Barton	*West Boylston, Mass.*	13 South College
Darling, Thurston Vail	*Canandaigua, N. Y.*	29 South College

Davis, Robert Johnston	*Upper Montclair, N. J.*	16 South College
Donahue, Joseph Florence	*Lynn, Mass.*	
Donahue, Laurence Leahy	*Amherst, Mass.*	104 Pleasant Street
Dumm, Paul Jamison	*Plymouth, N. H.*	17 South College
Eastman, Philip Yale	*Orange, N. J.*	2 College Street
Edee, Allen Barnett, Jr.	*Pawnee City, Nebr.*	12 South College
Elwell, James Henry	*Amherst, Mass.*	5 Lincoln Avenue
Emery, William Harrison, Jr.	*Bradford, Pa.*	12 North College
Evans, Rowland Cadwalador, Jr.	*Philadelphia, Pa.*	14 South College
Evleth, Raymond Earle	*Philadelphia, Pa.*	14 South College
Fairbank, Robert Winthrop	*Auburndale, Mass.*	11 South College
Field, Walter Donald	*Hinsdale, Ill.*	27 South College
Forbes, Allyn Bailey	*Taunton, Mass.*	302 Morris Pratt Memorial Dormitory
Gardiner, Charles Morris	*Everett, Mass.*	22 North College
Gerarden, Karl Eugene	*Denver, Colo.*	207 Morris Pratt Memorial Dormitory
Gibson, John Graham, 2d	*Utica, N. Y.*	6 North College
Gillies, William Raymond	*Nyack, N. Y.*	104 Morris Pratt Memorial Dormitory
Glann, Perry Banta	*Cortland, N. Y.*	407 Morris Pratt Memorial Dormitory
Godwin, Willard Lesley	*Amherst, Mass.*	5 Dana Street
Golomb, Elhanan Hirsh	*Northampton, Mass.*	
Goodwin, Clarence Babcock	*Pittsfield, Mass.*	6 South College
Hallock, Leavitt Duane	*Cleveland, Ohio*	206 Morris Pratt Memorial Dormitory
Hazeldine, Arthur Edgar	*Easthampton, Mass.*	408 Morris Pratt Memorial Dormitory
Hendrickson, Edmund Hurd	*Haworth, N. J.*	9 South College
Hill, Kenneth Truman	*Long Island, N. Y.*	1 South College
Holden, Roger Cramer	*Palmer, Mass.*	28 North College
Hollings, Edward Nicholas, Jr.	*Jamaica, L. I., N. Y.*	D North College
Hooper, Ralph Winthrop	*Lynn, Mass.*	11 North College
Howard, John Gough	*Rochester, N. Y.*	407 Morris Pratt Memorial Dormitory
Howe, Burr	*Berlin, Wis.*	9 South College
Hunter, Robert Leslie	*Philadelphia, Pa.*	Phi Delta Theta House
Kambour, Edward Basil	*Plymouth, N. H.*	17 South College

Kiley, Marcus Philip	*Northampton, Mass.*	25 South College
Kimball, Parker Barton	*Orange, Mass.*	6 South College
Kinney, Wesley A.	*Cortland, N. Y.*	312 Morris Pratt Memorial Dormitory
Lay, Harold Morrill	*Kewanee, Ill.*	405 Morris Pratt Memorial Dormitory
LeBrun, Pierre Napoleon	*Montclair, N. J.*	23 South College
Lyman, Joseph Martin	*Florence, Mass.*	18 South College
McAllister, Willis Hamilton	*Columbus, Ohio*	5 South College
Macfarlane, Noble Thomson	*Albany, N. Y.*	2 South College
McGregor, Alexander	*Beach Bluffs, Mass.*	209 Morris Pratt Memorial Dormitory
Maloney, William James	*Northampton, Mass.*	
Manwell, Reginald Dickinson	*Whately, Mass.*	A South College
Marks, Warren Leonard	*New York, N. Y.*	304 Morris Pratt Memorial Dormitory
May, Fred Stacy	*Melrose Park, Pa.*	14 South College
Miller, Lloyd Wilcox	*Medford, Mass.*	30 South College
Mitchell, Donald Grant, Jr.	*New London, Conn.*	408 Morris Pratt Memorial Dormitory
Moore, Leonard Page	*E. Orange, N. J.*	208 Morris Pratt Memorial Dormitory
Morse, Bradbury Bedell	*Denver, Colo.*	207 Morris Pratt Memorial Dormitory
Mutschler, Ernest	*Brooklyn, N. Y.*	15 South College
Mygatt, Frederick Eli, Jr.	*Plainfield, N. J.*	402 Morris Pratt Memorial Dormitory
Norton, Algernon Sidney, Jr.	*Suffern, N. Y.*	404 Morris Pratt Memorial Dormitory
Pitré, Thomas Palm	*Seymour, Conn.*	7 South College
Porter, Charles Scott	*Northampton, Mass.*	18 South College
Rauh, Stanley Ernest	*Dayton, Ohio*	25 South College
Reed, Paul R.	*Wall, Pa.*	10 North College
Riefler, Winfield William	*Rochester, N. Y.*	23 South College
Savoy, John Arthur Guilmant	*Holyoke, Mass.*	102 Morris Pratt Memorial Dormitory
Schaaf, Oliver Haslup	*Poughkeepsie, N. Y.*	208 Morris Pratt Memorial Dormitory
Scott, Arthur Leland	*Everett, Wash.*	11 North College
Seward, Halvor Richardson	*Brooklyn, N. Y.*	31 South College
Sheldon, Roy Van Auken	*Webster Groves, Mo.*	8 South College

Smith, Eastburn Richey — *Brooklyn, N. Y.*
310 Morris Pratt Memorial Dormitory

Smith, Lincoln Bardwell — *S. Hadley Falls, Mass.*
112 Morris Pratt Memorial Dormitory

Snelling, Stuart Peers — *White Plains, N. Y.* 23 North College

Soliday, David Shriver — *Hanover, Pa.*
402 Morris Pratt Memorial Dormitory

Southworth, Theodore — *Westwood, N. J.* 21 South College

Spencer, Harold Bennett — *Malden, Mass.* A North College

Spicer, William Cornman — *Gloversville, N. Y.* 10 North College

Stacy, Philip Huntley — *South Hadley, Mass.* B South College

Stanton, John Bloomfield — *Chicago, Ill.*
305 Morris Pratt Memorial Dormitory

Staples, Henry Barrett — *Buffalo, N. Y.*
112 Morris Pratt Memorial Dormitory

Starkey, Rodney Fielding — *Brooklyn, N. Y.*
108 Morris Pratt Memorial Dormitory

Sweeney, Henry Whitcomb — *Brooklyn, N. Y.*
108 Morris Pratt Memorial Dormitory

Taber, Benjamin Franklin — *Auburn, N. Y.* Mount Doma

Thornton, Louis Barton — *Buffalo, N. Y.* 12 Spring Street

Tilton, Thomas Appleton — *Newton Center, Mass.*
405 Morris Pratt Memorial Dormitory

Tsaou, Lee Ming — *Kiang-soo, China* 1 Woodside Avenue

Tyler, Robert Benjamin — *Palmyra, N. Y.* 5 North College

Utter, Wilfred Brown — *Westerly, R. I.*
406 Morris Pratt Memorial Dormitory

VanSant, Rufus Campbell — *Ashland, Ky.* 27 North College

Vogelius, Joseph Francis, Jr. — *Bloomfield, N. J.*
211 Morris Pratt Memorial Dormitory

Wessel, Herman Marluk — *Port Norris, N. J.* 25 North College

Whitcomb, Henry Dowling — *Worcester, Mass.*
209 Morris Pratt Memorial Dormitory

White, Robert Rombout, Jr. — *New York, N. Y.* 76 Main Street

Whitman, Barrett — *New York, N. Y.* 22 South College

Wilcox, Robert Carroll — *Grand Rapids, Mich.*
103 Morris Pratt Memorial Dormitory

Yarrington, Frederic Lefebre — *Brooklyn, N. Y.* 19 South College

STUDENTS PROVISIONALLY ENROLLED AS CANDIDATES FOR THE BACHELOR'S DEGREE

Baldwin, James A.	*Columbus, O.*	F North College
Bodenhorn, Aaron	*Cleveland, Ohio*	104 Morris Pratt Memorial Dormitory
Bracken, James Wright	*Corry, Pa.*	406 Morris Pratt Memorial Dormitory
Carter, Harold Mills	*Harbor Creek, Pa.*	21 Pleasant Street
Chalmers, Robert Burns	*Fitchburg, Mass.*	Δ K E House
Cheng, Nai-Wen	*Peking, China*	12 Woodside Avenue
Curtis, Gordon Moore	*Buffalo, N. Y.*	Ψ Υ House
Eilert, John Kohler	*New York, N. Y.*	306 Morris Pratt Memorial Dormitory
Grainger, Harry Kelsall	*Lincoln, Neb.*	412 Morris Pratt Memorial Dormitory
Hendricks, Ray Walter	*Chicago, Ill.*	Φ Δ Θ House
Hill, Robert Alexander	*Northampton, Mass.*	
Knauth, Henry	*Terre Haute, Ind.*	Mount Doma
Lemcke, Norman Rhode	*New York, N. Y.*	Gymnasium
Orlady, Lewis Thomas	*Jamestown, N. D.*	306 Morris Pratt Memorial Dormitory
Sharp, Malcolm Pitman	*Madison, Wis.*	Α Δ Φ House
Sheldon, Merriam Ward	*Topeka, Kan.*	23 North College
Simmons, Donald Bemis	*Minneapolis, Minn.*	Β Θ Π House
Soare, Irving Walker	*Hackensack, N. J.*	3 Northampton Road
Stapleton, Luke Daniel	*Brooklyn, N. Y.*	15 South Prospect Street
Vermilya, Howard Park	*New York, N. Y.*	6 North College

STUDENTS NOT ENROLLED AS CANDIDATES FOR A DEGREE

Ahlers, Carl Theodore	*New York, N. Y.*	411 Morris Pratt Memorial Dormitory
Blanchard, Dean	*Winchester, Mass.*	Φ K Ψ House
Forbes, Wilbur Emmons	*Taunton, Mass.*	303 Morris Pratt Memorial Dormitory
Freer, Otto Emil	*Chicago, Ill.*	Gymnasium
Holt, Arthur Ratcliffe	*Newton Center, Mass.*	Δ K E House
Hughes, Robert Emmet Joseph	*Montclair, N. J.*	Θ Δ X House
Mulholland, Hugh Andrew	*Willimansett, Mass.*	99 Pleasant Street
Neiley, Richard Bowdoin	*Winchester, Mass.*	308 Morris Pratt Memorial Dormitory
Rosenberg, Isadore	*Holyoke, Mass.*	
Ruble, Fred William	*Malden, Mass.*	10 South College
Story, Robert William	*Catskill, N. Y.*	2 College Street

SUMMARY OF ENROLLMENT

Graduate Students	3
Fellows	4
Seniors	77
Juniors	97
Sophomores	98
Freshmen	119
Students Provisionally Enrolled	20
Students not Candidates for a Degree	11
Total	429

CLASSIFICATION BY RESIDENCE

Massachusetts	141	Arizona	2
New York	132	Iowa	2
Pennsylvania	26	Nebraska	2
New Jersey	23	Oregon	2
Illinois	14	Wisconsin	2
Ohio	13	District of Columbia	1
Rhode Island	12	Kansas	1
Connecticut	11	Kentucky	1
Vermont	10	Maine	1
New Hampshire	6	Maryland	1
Colorado	5	North Carolina	1
Michigan	5	North Dakota	1
Indiana	3	Texas	1
Minnesota	3	Washington	1
Missouri	3	China	3
		Total	429

DEGREES CONFERRED JUNE 30, 1915

BACHELOR OF ARTS

Summa Cum Laude

Walter Raymond Agard
Sidney Raymond Packard

Magna Cum Laude

Gardner Pettee Eastman
Charles Hamilton Houston
Hollis Winslow Plimpton
James Kellum Smith

Cum Laude

Kenneth Whittemore Banta
William Gerald Barnes
George Douglas Clapperton
George Leon Cutton
Everett Webb Fuller
John Merriman Gaus
Arthur Prentice Goodwin
Phillips Foster Greene
Harold Alpheus Lyon
Wilson Macdonald
Robert Andrew McCague
Maurice Lloyd McNair
William Henry Mandrey
Harold Chase Many
Francis Chandler Newton
Arthur Edward Ralston
Homer Morgan Smith
Joseph Lyons Snider
Jay Brinkerhoff Tomlinson
Edward Alfred VanValkenburgh
Arthur Hoyt Washburn
George Deming Whitmore

Rite

John Jacob Atwater
Richard Bancroft
Richard Sterling Banfield
Maurice Scott Bulger
John Warnock Campbell
Frederick Leslie Chapman, Jr.
Dwight Nelson Clark
Joseph Gerald Cole
James Wallace Craig
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Randolph Mercein Fuller
Edward Chandler Garfield
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Henry Selden Kingman
Joseph Newhall Lincoln
John Eugene Lind
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Charles Daniel Martin
John Milton Phillips
Richardson Pratt
Howard Finlay Reed
Conrad Shumway
Frank Jonathan Ernest Smith
James Nichols Smith
William Greenough Thayer, Jr.

Horatio Wales, Jr.
Webster Hamlin Warren
Paul Dyess Weathers
Leslie Tillotson Webster
William Whiting, 2nd
John Richard Williams

BACHELOR OF SCIENCE

Magna Cum Laude

Louis Franklin Eaton

Cum Laude

Francis Wesley Blair
John Clifford Hayner
Stuart Franklin Heinritz
Robert Selden Moulton
George Keyes Ripley

Rite

Richard Hamlin Bacon
George Cleveland Bratt, Jr.
Warren Allen Breckenridge
James Edmund Bronk
Fenimore Cady
Harry Wing Cole
Raymond Buxton Cooper
William Michael Crilly, Jr.
Clarence Pratt Curry
Arthur Henry Elliot
Stanley Heald
George Hartmann Hubner
William Cooper Hunneman, Jr.
Leslie Obear Johnson
Edwin Harold Konold
Henry Thomas Langspecht
Robert Reed McGowan
Everett Francis McTernan
Raymond Scott Person
Stuart Eugene Price
Lowell Ridgeway Smith
Henry Cleveland Swasey
Philip Francis Whitten

HONORARY DEGREES

Doctor of Divinity

William Dwight Porter Bliss

Doctor of Letters

Alfred Ernest Stearns

Doctor of Laws

Herbert Brown Ames
William Herbert Perry Faunce
Benjamin Kendall Emerson
Robert Lansing

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The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

VISITORS

Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A.M. to five-thirty P.M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished without charge upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Secretary of the Faculty, Amherst College, Amherst, Mass.

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